MISSOURI BOTANICAL GARDEN

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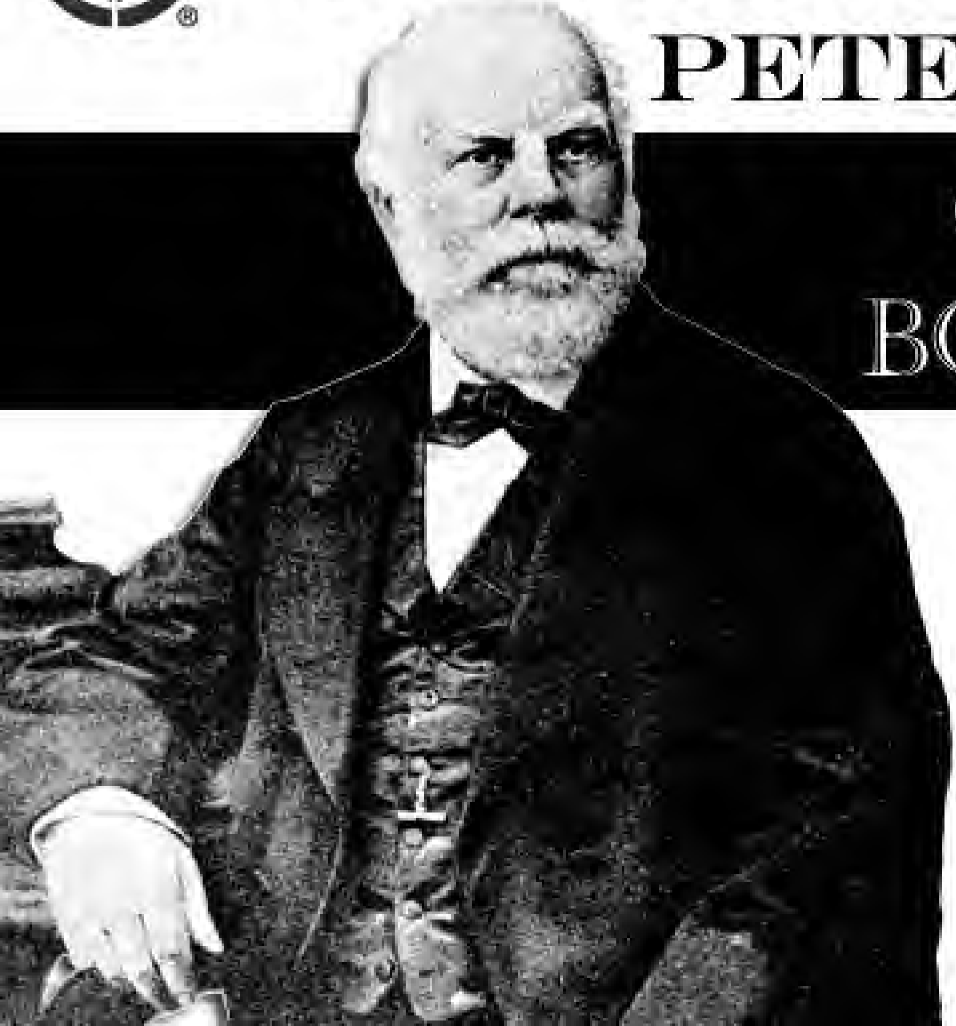

GEORGE ENGELMANN BOTANICAL NOTEBOOKS

Pagination Note:
Since many of the items lack a specific page number, the page number displayed online refers to the sequentially created number each item was given upon cataloging the materials.

18 Cusc. p. 475

C. Africana Thunb. ?

α. fl. minoribus

C. Africana Chois.

101.
106

(Enclosed 204-206)

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4548

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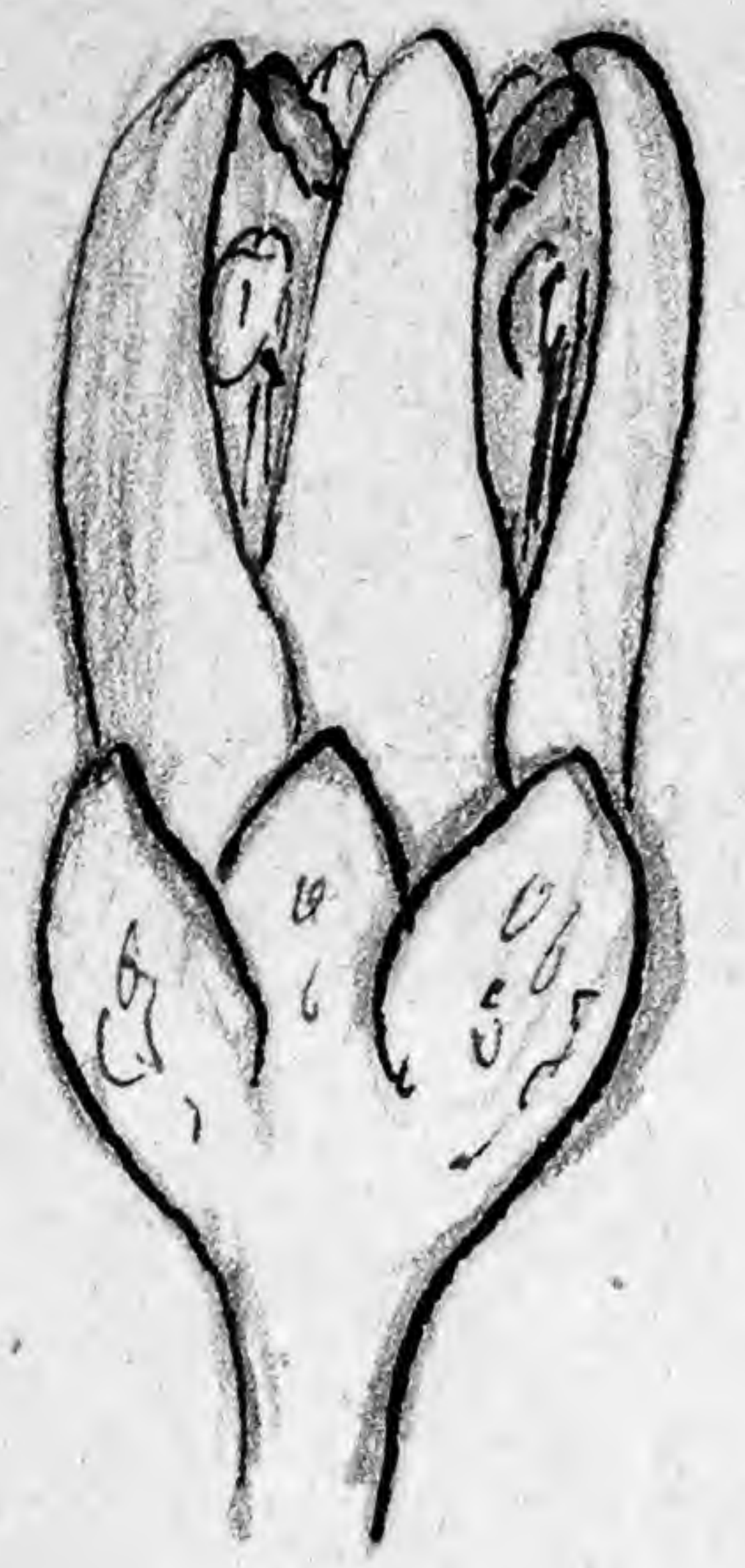
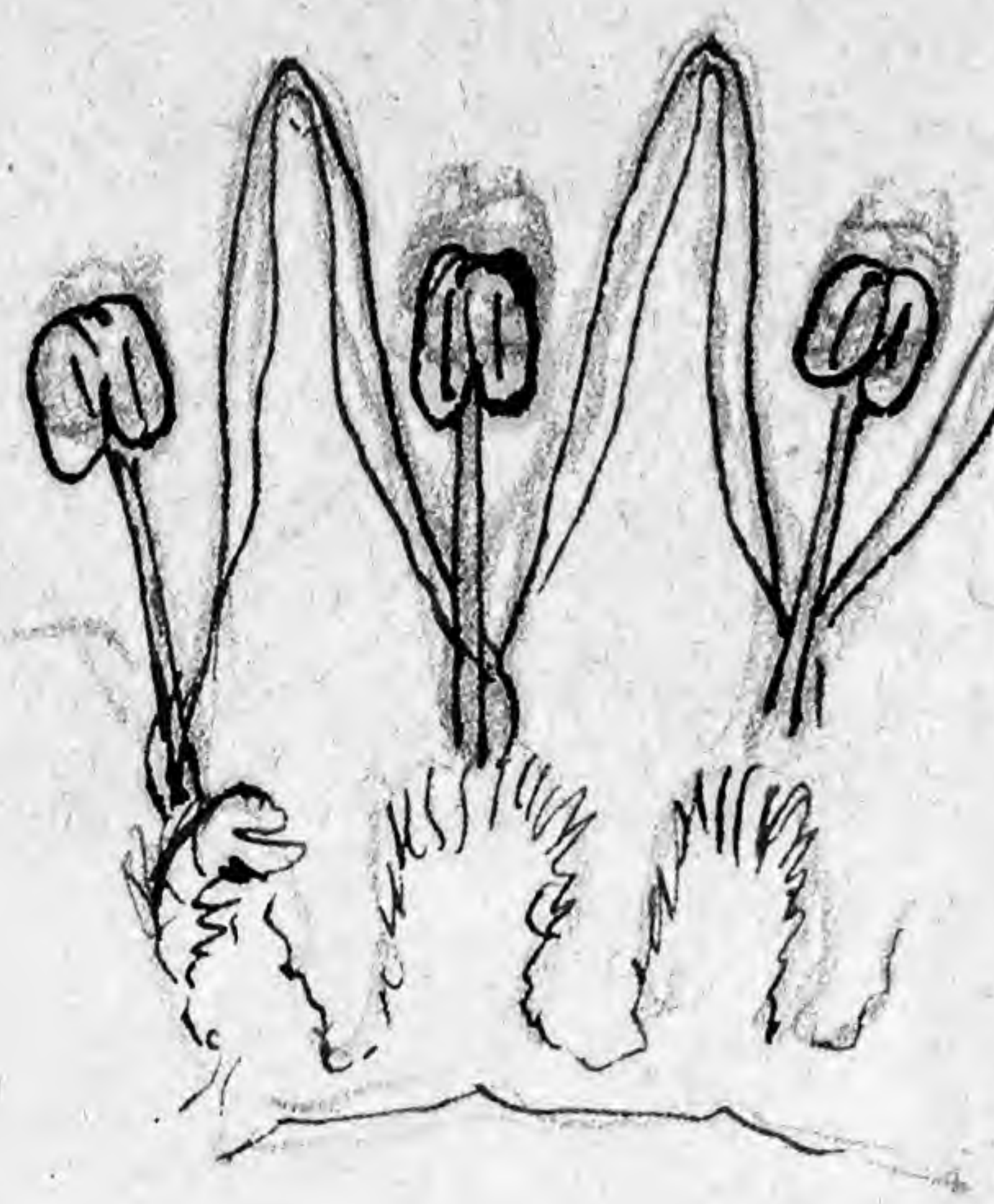
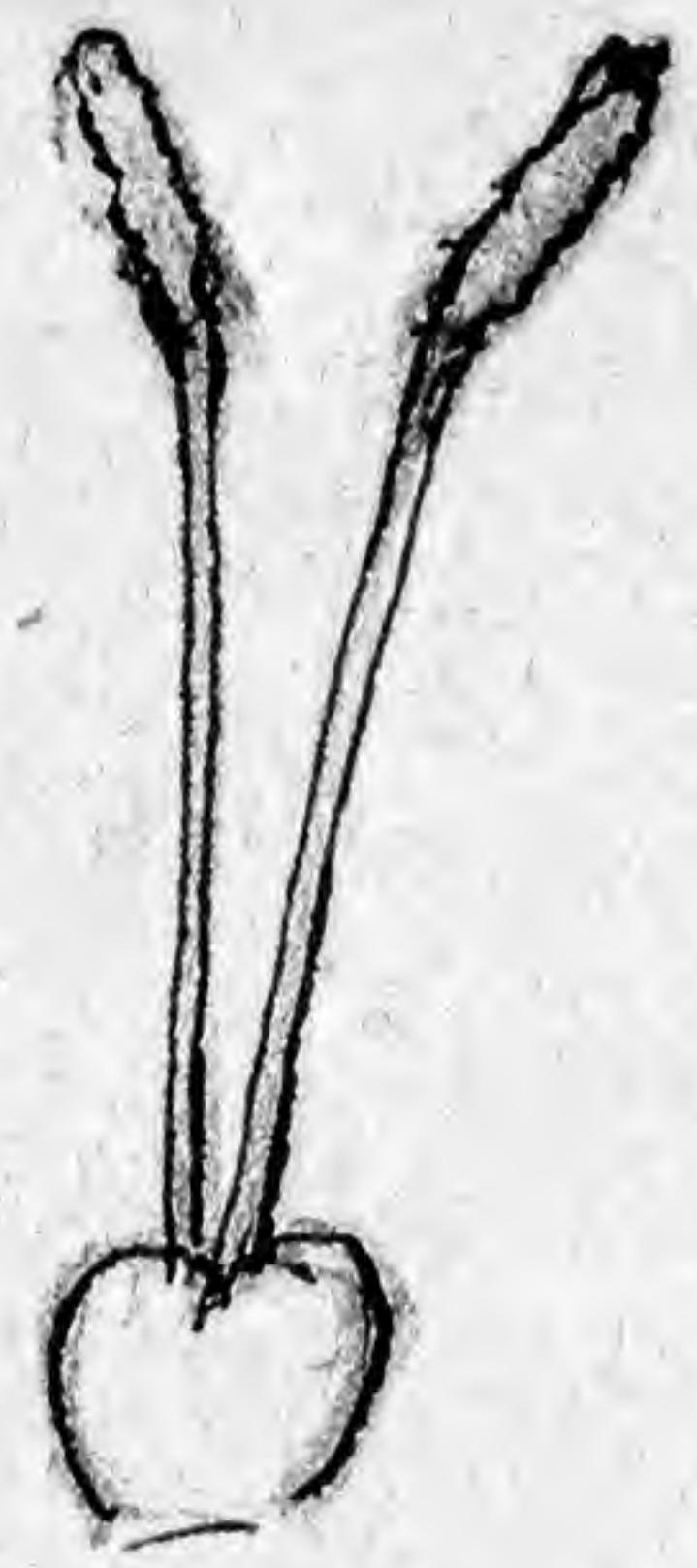
101

= 99. = 106?

1.4







Cuscuta africana

C.B.S. Drège 7010

Herb. Vindob. 43
on Kiggelaria

calycis lobis ad basin fere divisis ovatis obtusiusculis imbricatis, tubo corollae campanulatae aequantibus; laciniis tubo multo longioribus erectis, lanceolatis basi imbricatis margine involutis; stam. brevioribus; antheris ovato-orbiculatis, filamentis subulatis multo brevioribus; stigmatibus stylis elongatis capillaceis multo brevioribus

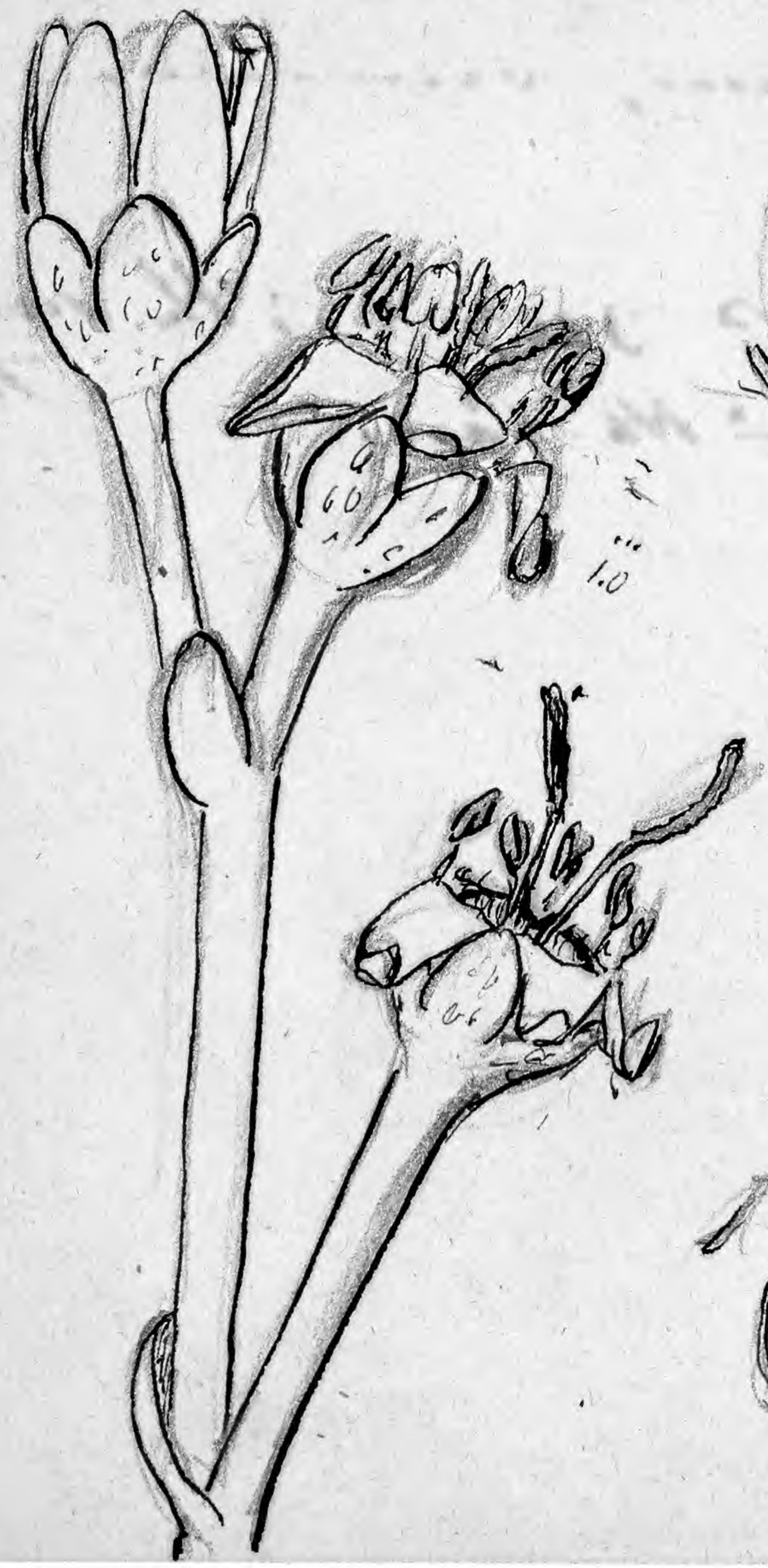
The C. africana in Willd herb.
on Myrica aethiopica
is the same

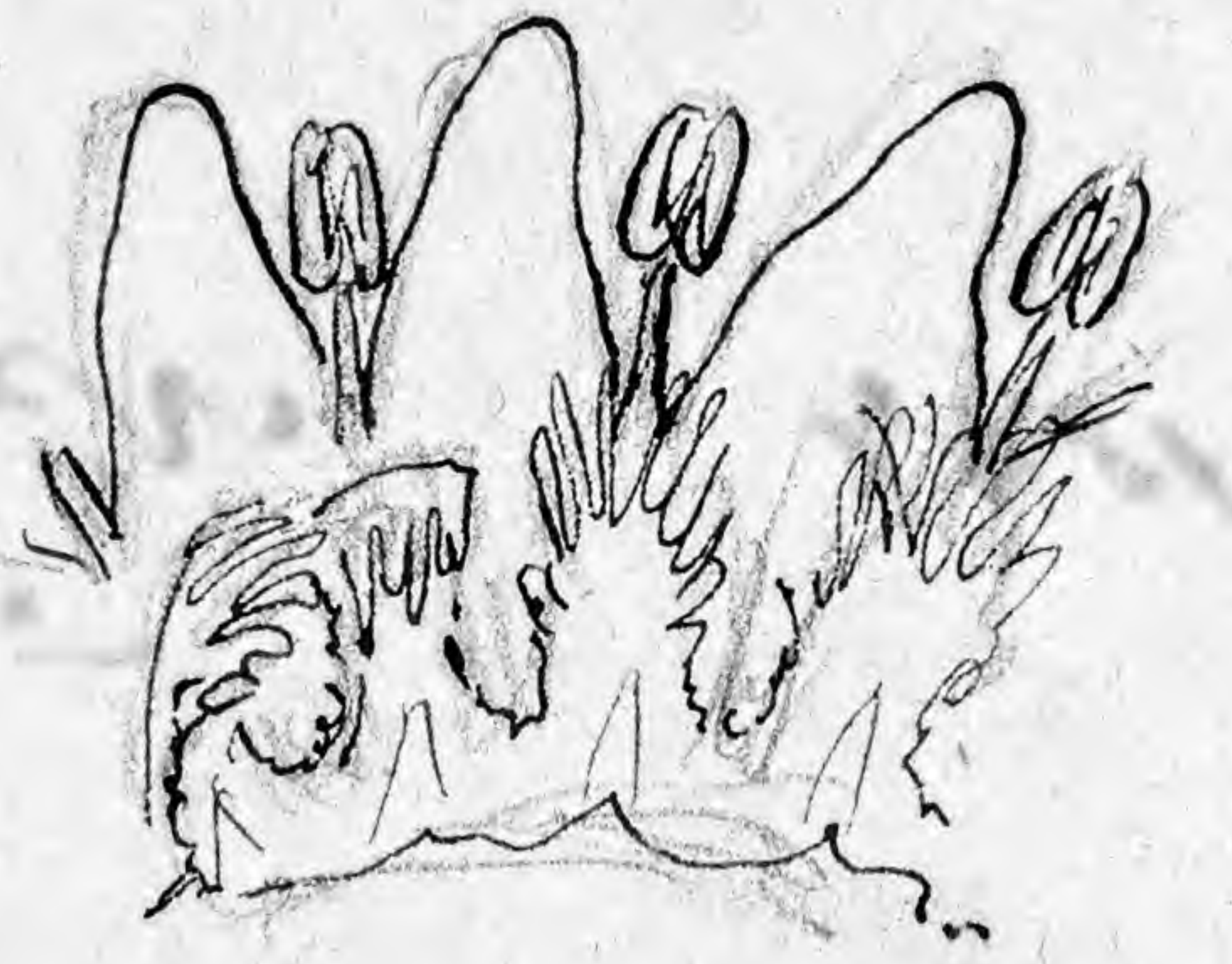
antheris obtusis

4549

106

11.0



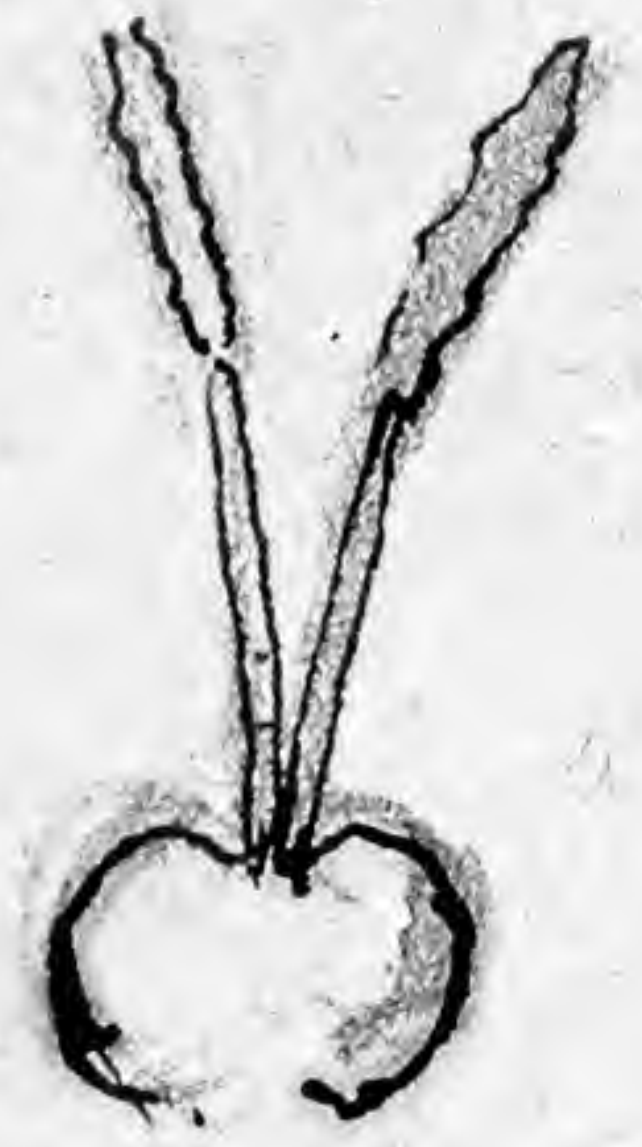


Cuscuta africana

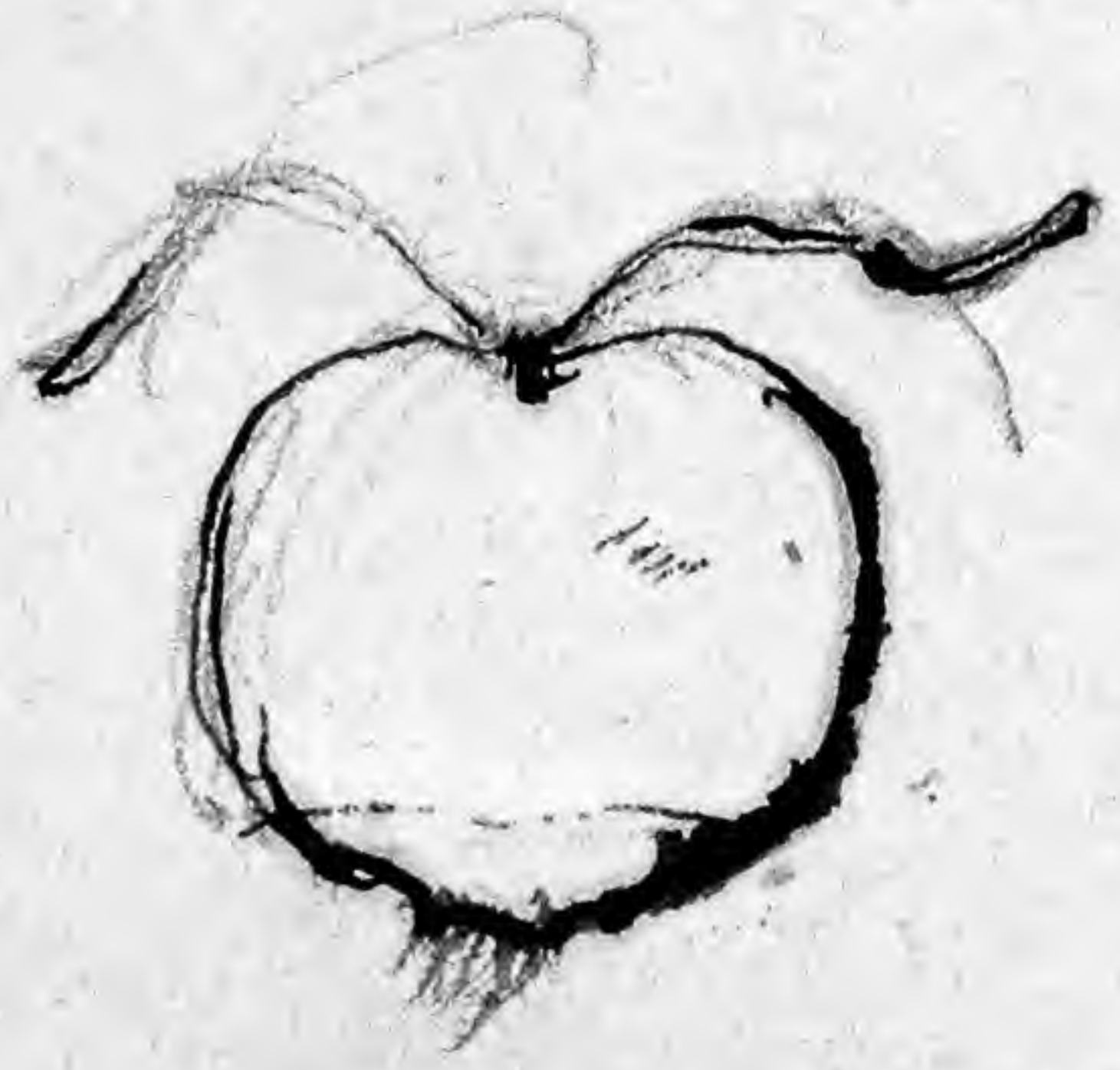
C. B. S. Mund

in Kiggelaria

Hb. Hook. 78.a



Calyce ad basin fere fisso lobis ovatis obtusiusculis subimbricatis glandulosis, corollae tubo campanulato aequalibus; laciniis tubo aequalibus, ~~acutis~~ ovatis obtusis, ~~erectis~~ demum reflexis; staminibus brevioribus, antheris ovatis filamentis aequalibus squamis magnis e tubo exsertis, incisis styli ovario longe superantibus exsertis stigmatibus aequalibus.



capsula globoso-depressa ex corolla ~~ad basi~~ persistente exserta

single globose seed

saepe dehiscit s. vix irregulariter rima [illegible] aperiente; seu plerumque [illegible] globoso-subcompresso, vermiculoso

On Kigellaria, Zeyer 1847 No. 3447 is the same thing in Hb. Paris

4550

C. Africana Thunb.

β. fl. majoribus
tubo exserto
C. Capensis Chois

99.

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C. Africana Thunb.

β. fl. majoribus
tubo exserto
C. Capensis Chois

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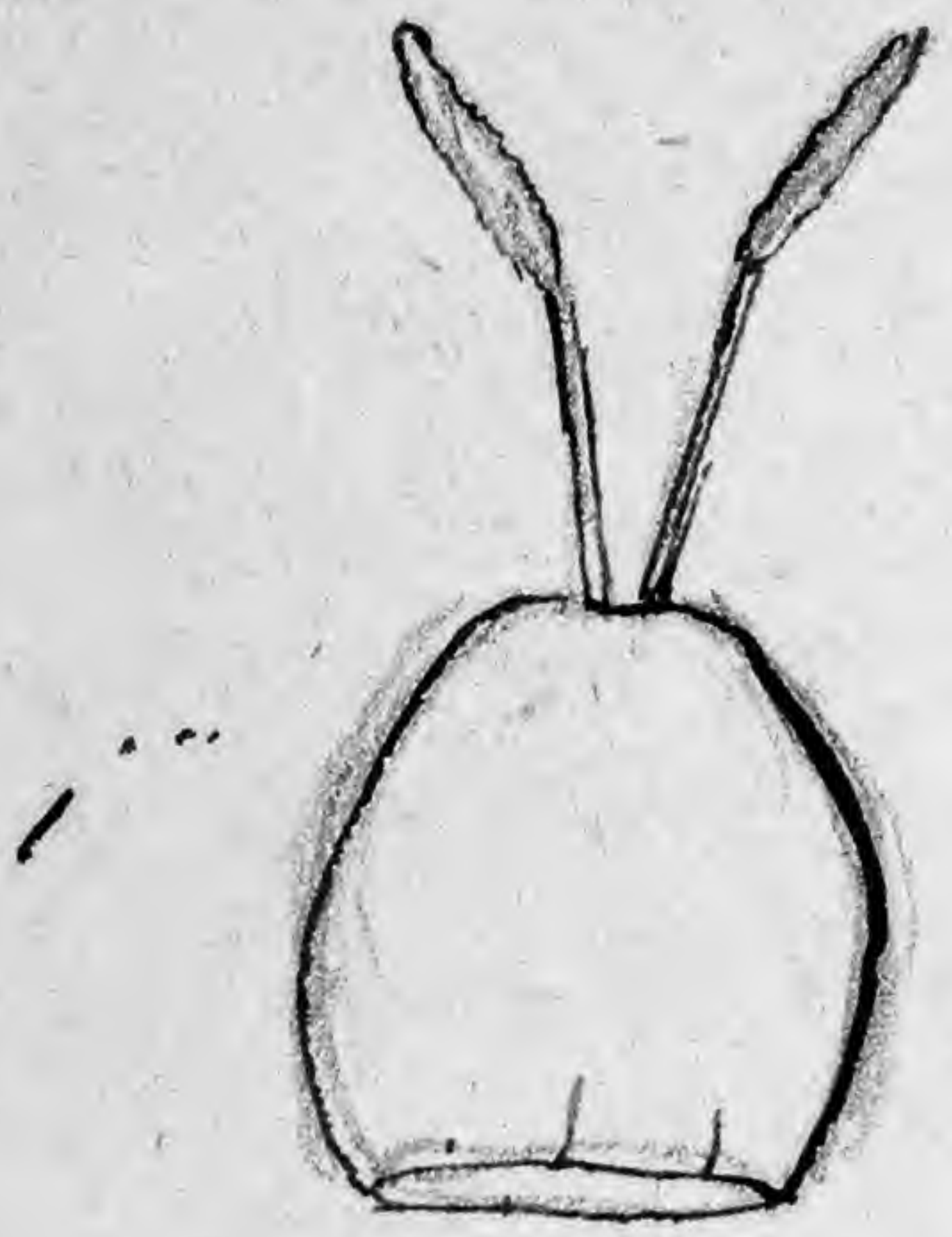
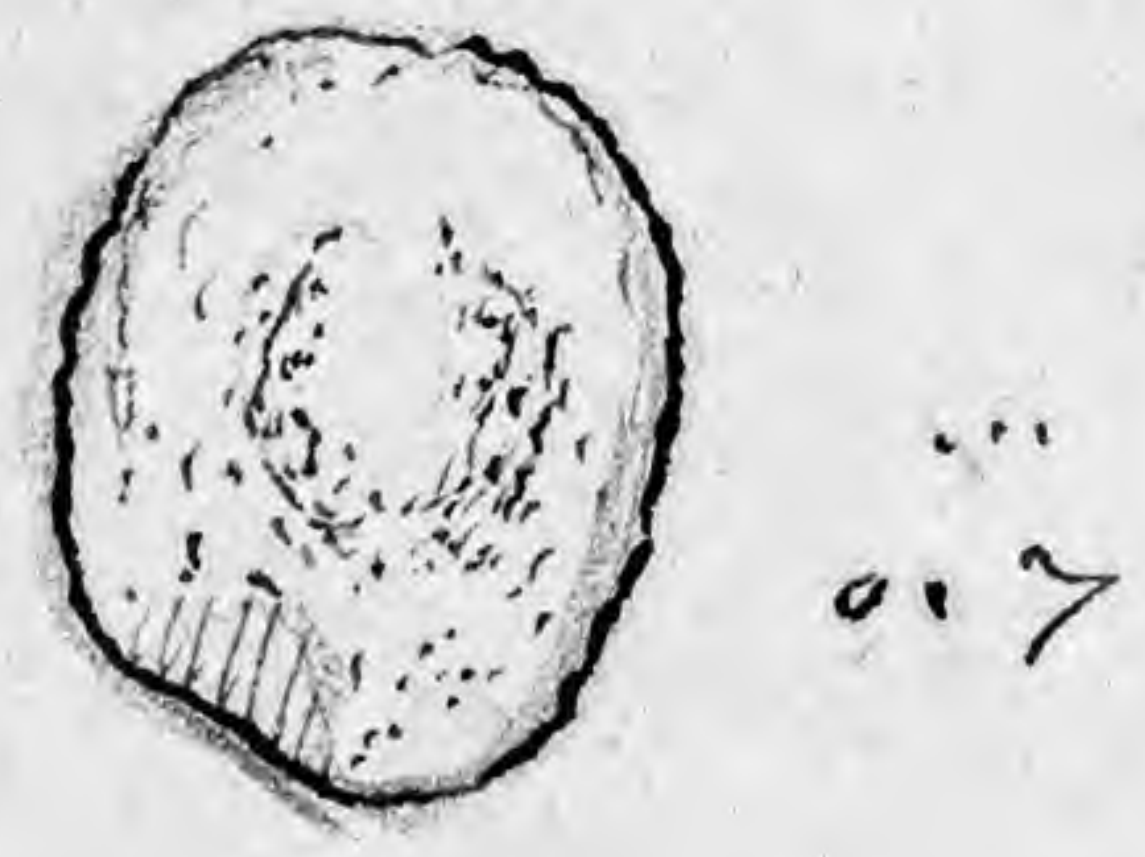
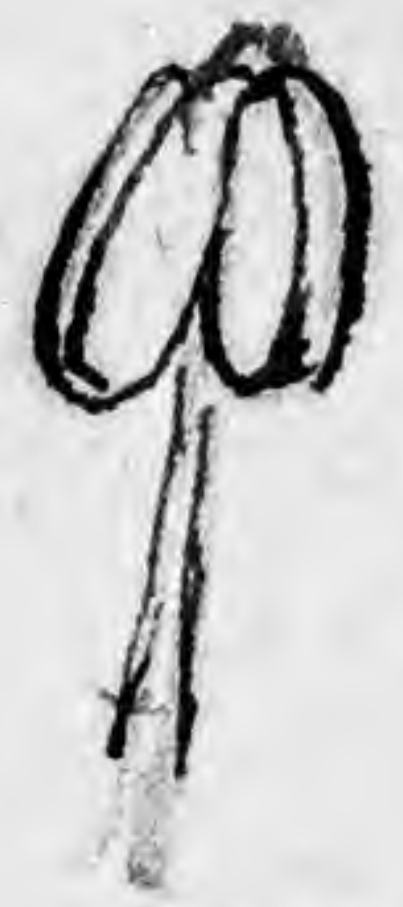
Missouri
Botanical
Garden

102

= 100







"Cuscuta nitida"

C.B.S. Drege

Hb. Bernh. 42.

calyx and flowers exactly like No 102

Exactly like No 101 only ~~flat~~ anthers a little shorter and styles a little longer; capsule fully formed, ripe, oval, nearly 1 l. long; seeds oval, verruculose, 0.6–0.7 l. long, exactly like the american seeds!!

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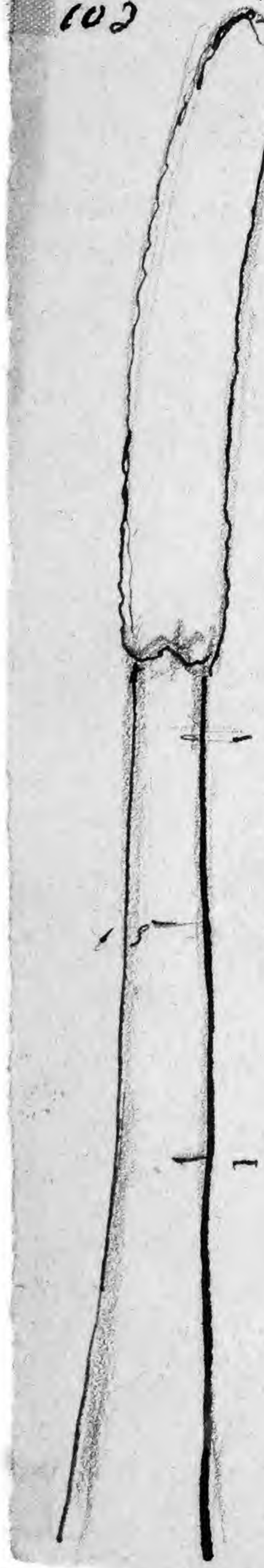
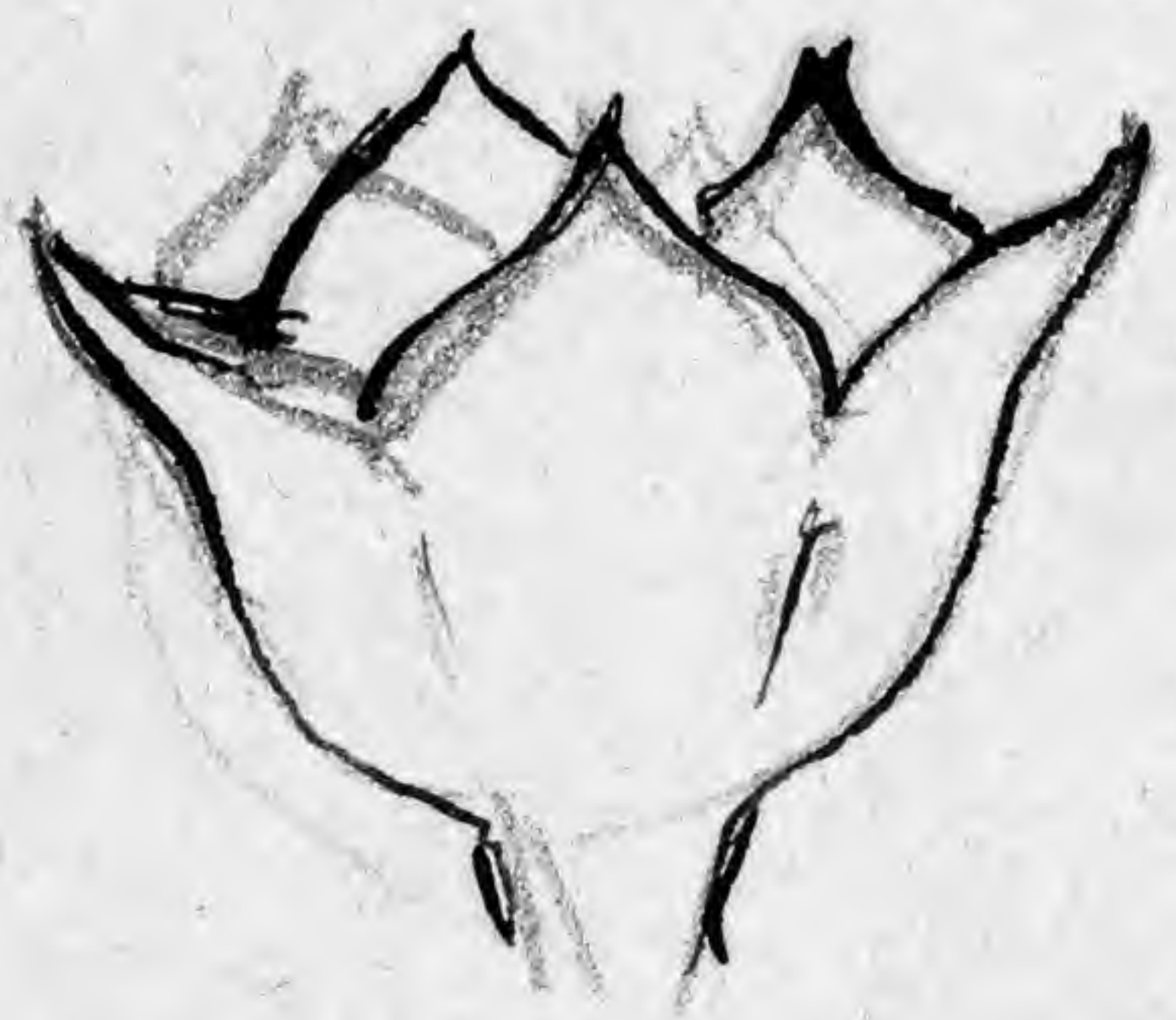
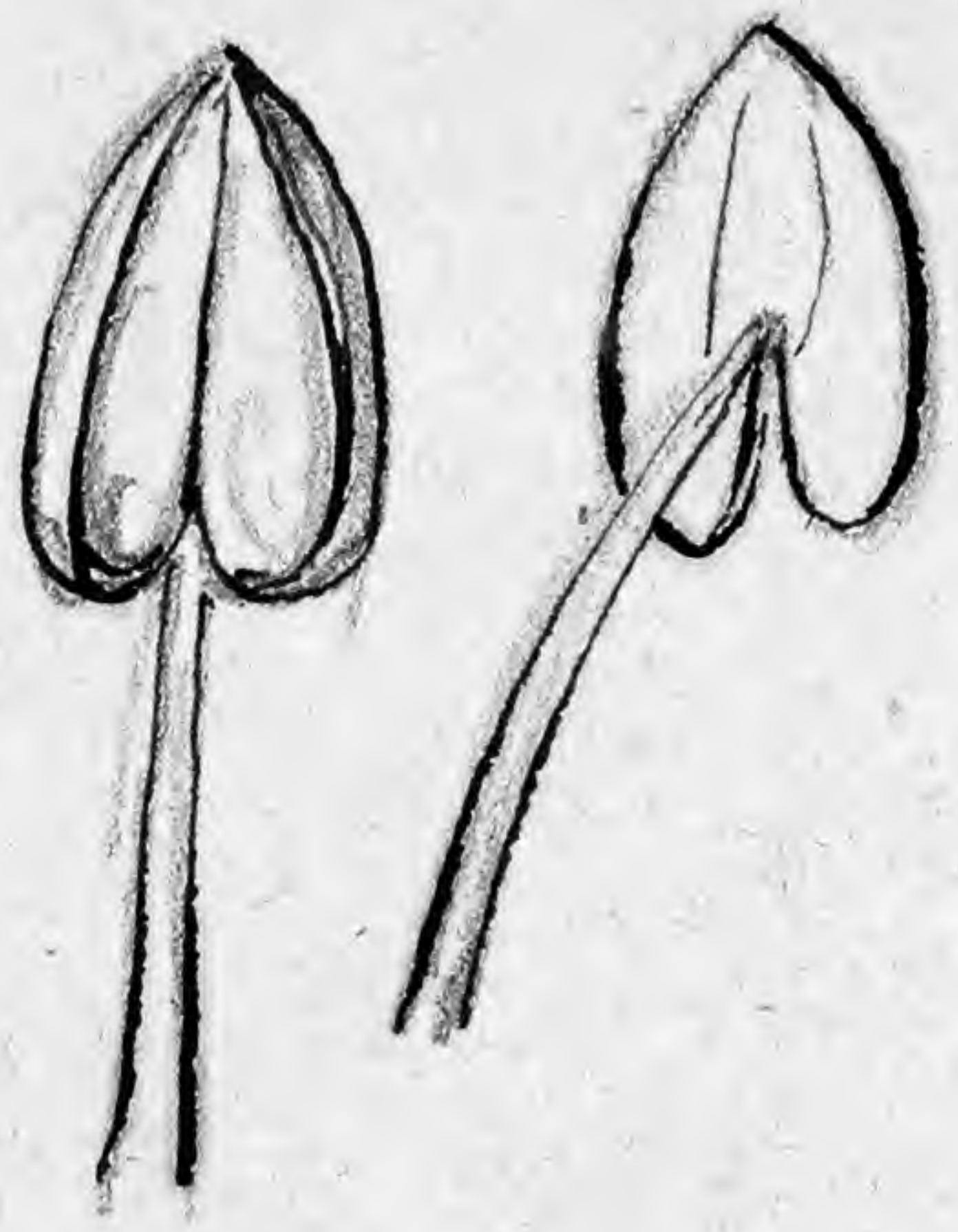
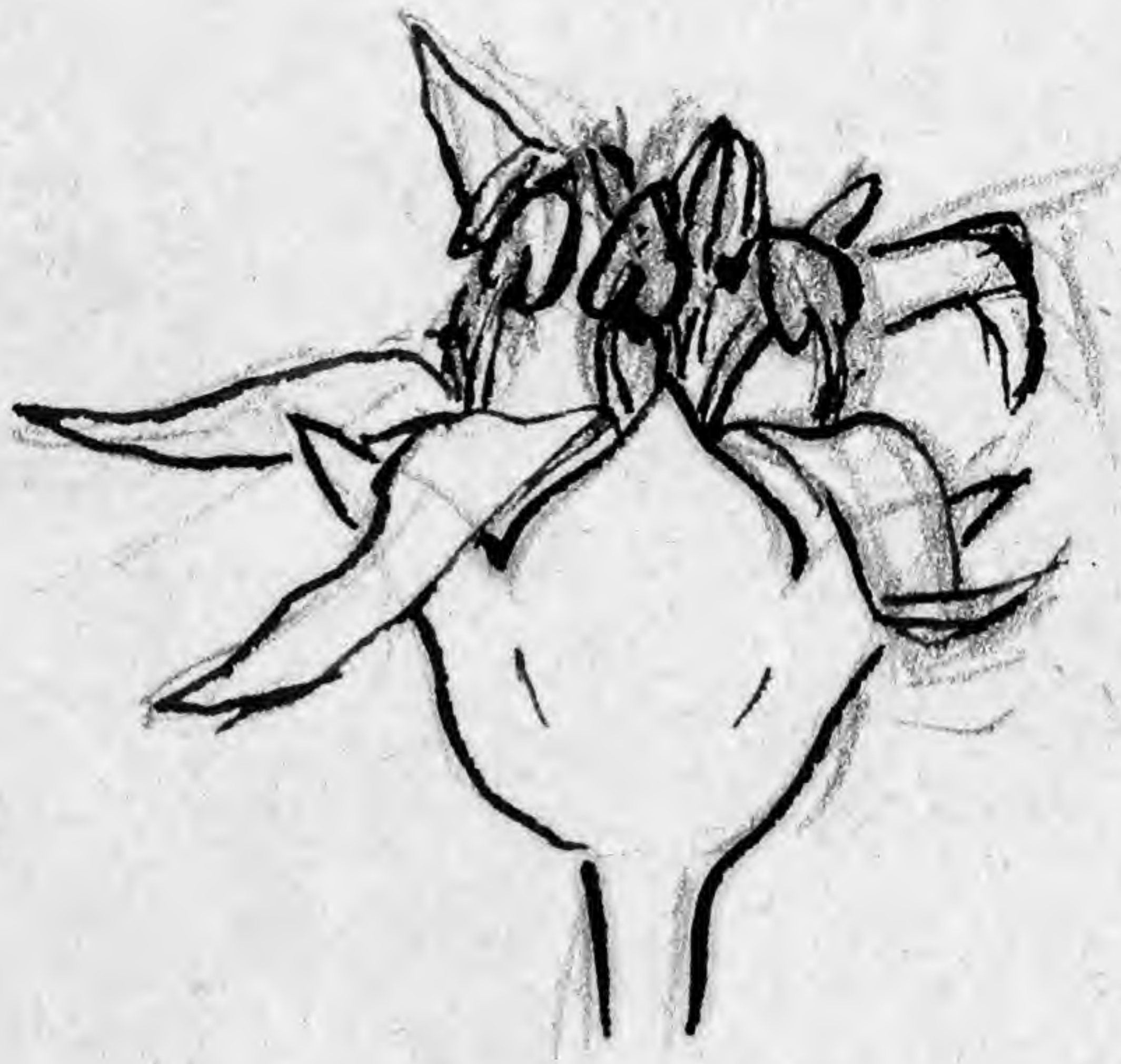
102

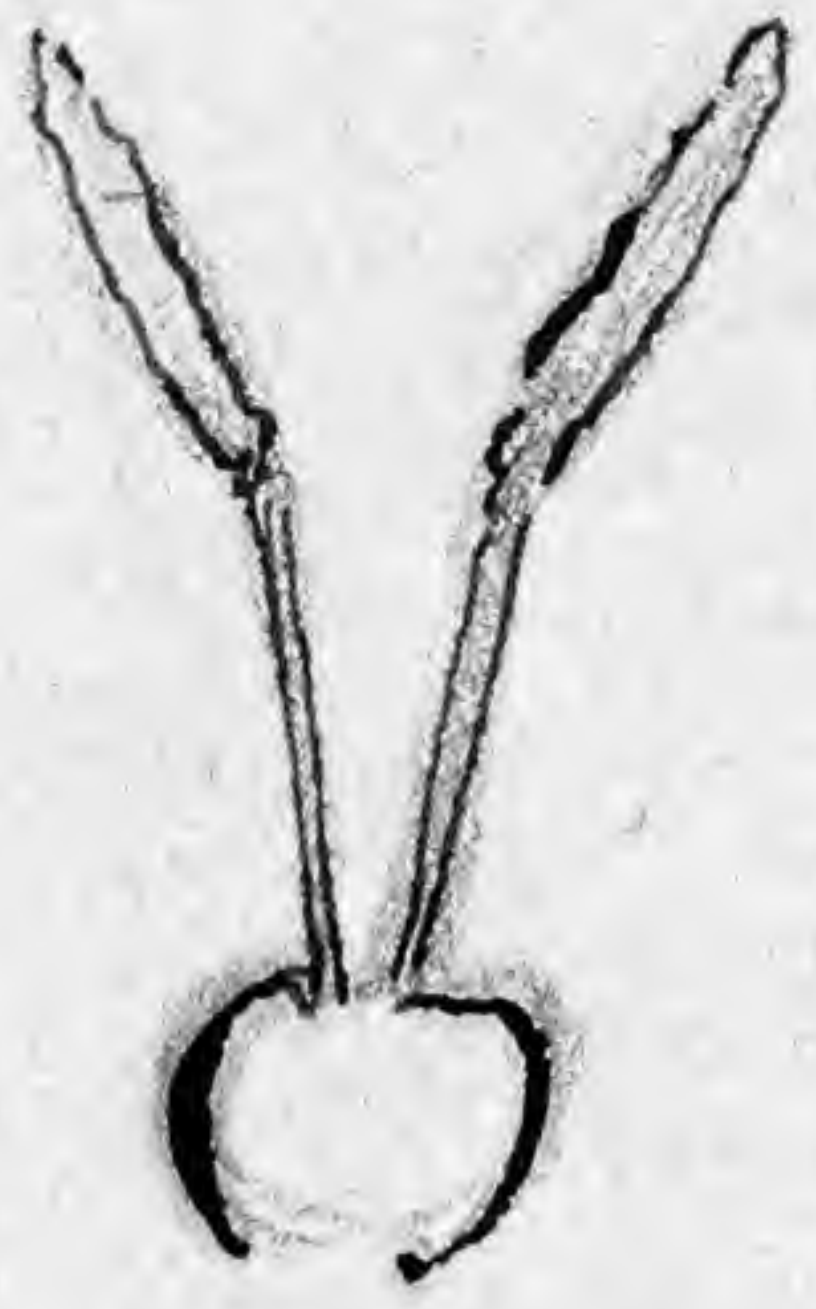
= 100

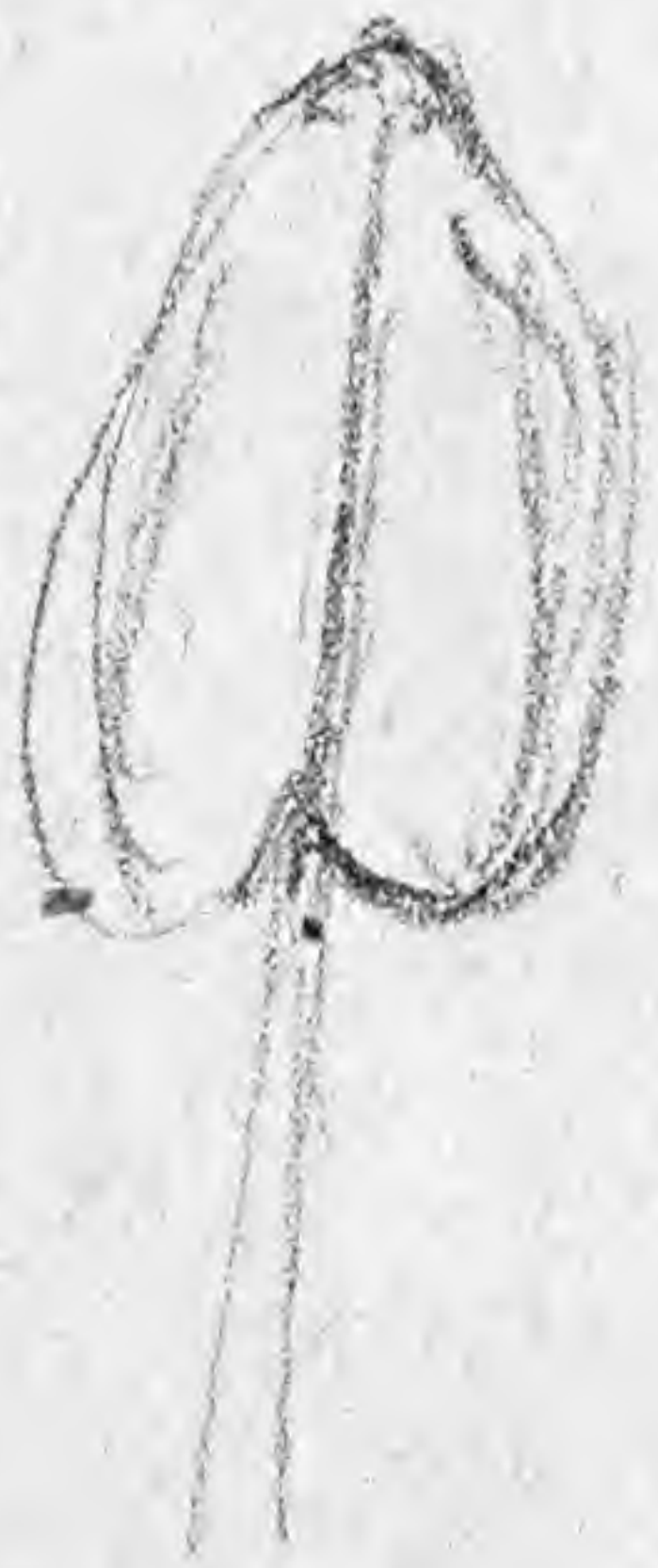












Cuscuta nitida E. Meyer

C.B.S. Drege 1.11

Herb. Vindobon No. 41

same as fig. 100 but anthers more distinctly sagittate – styles longer, lobes of pentaangular calyx shorter.

anther oval, sagittat acut

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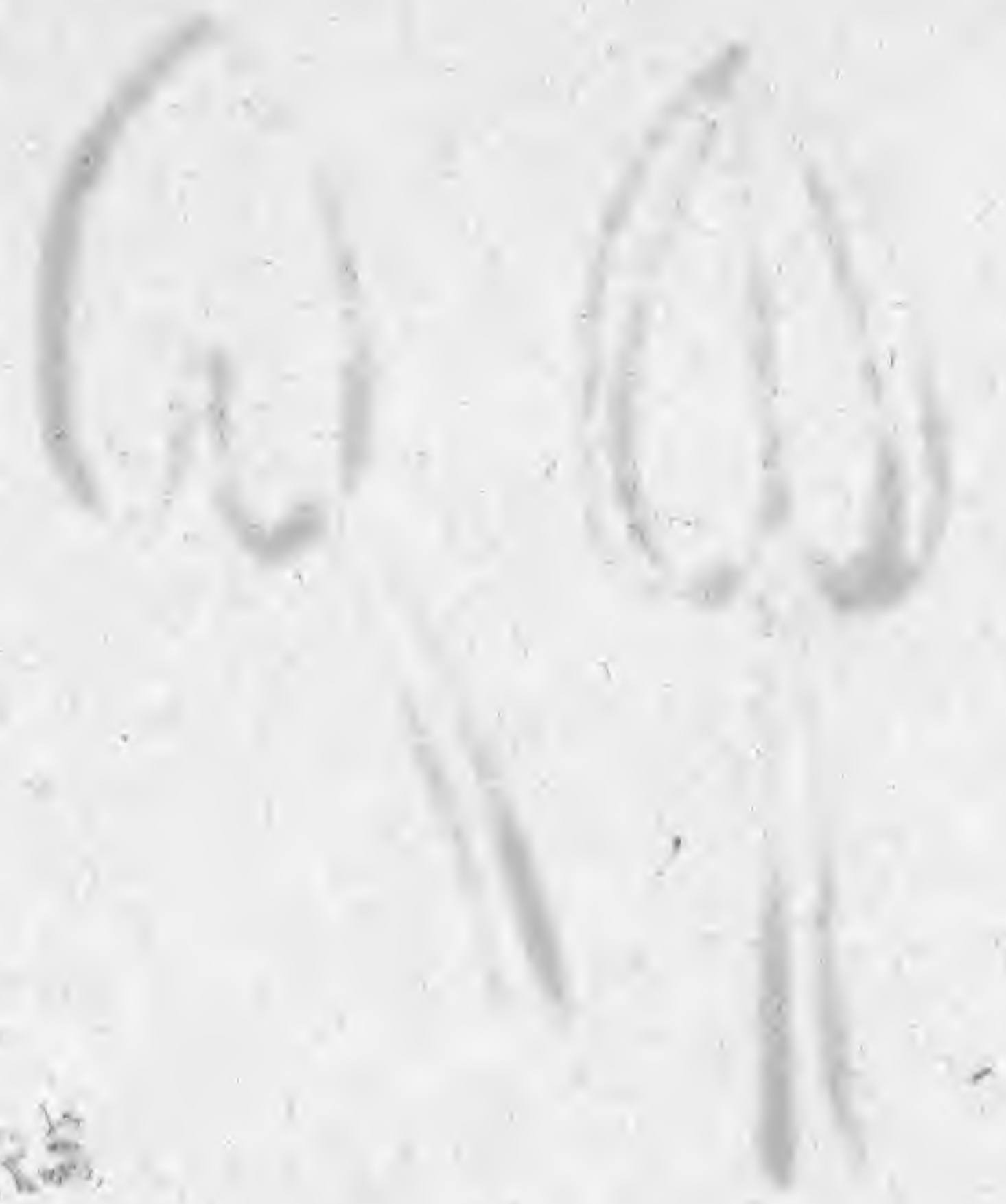
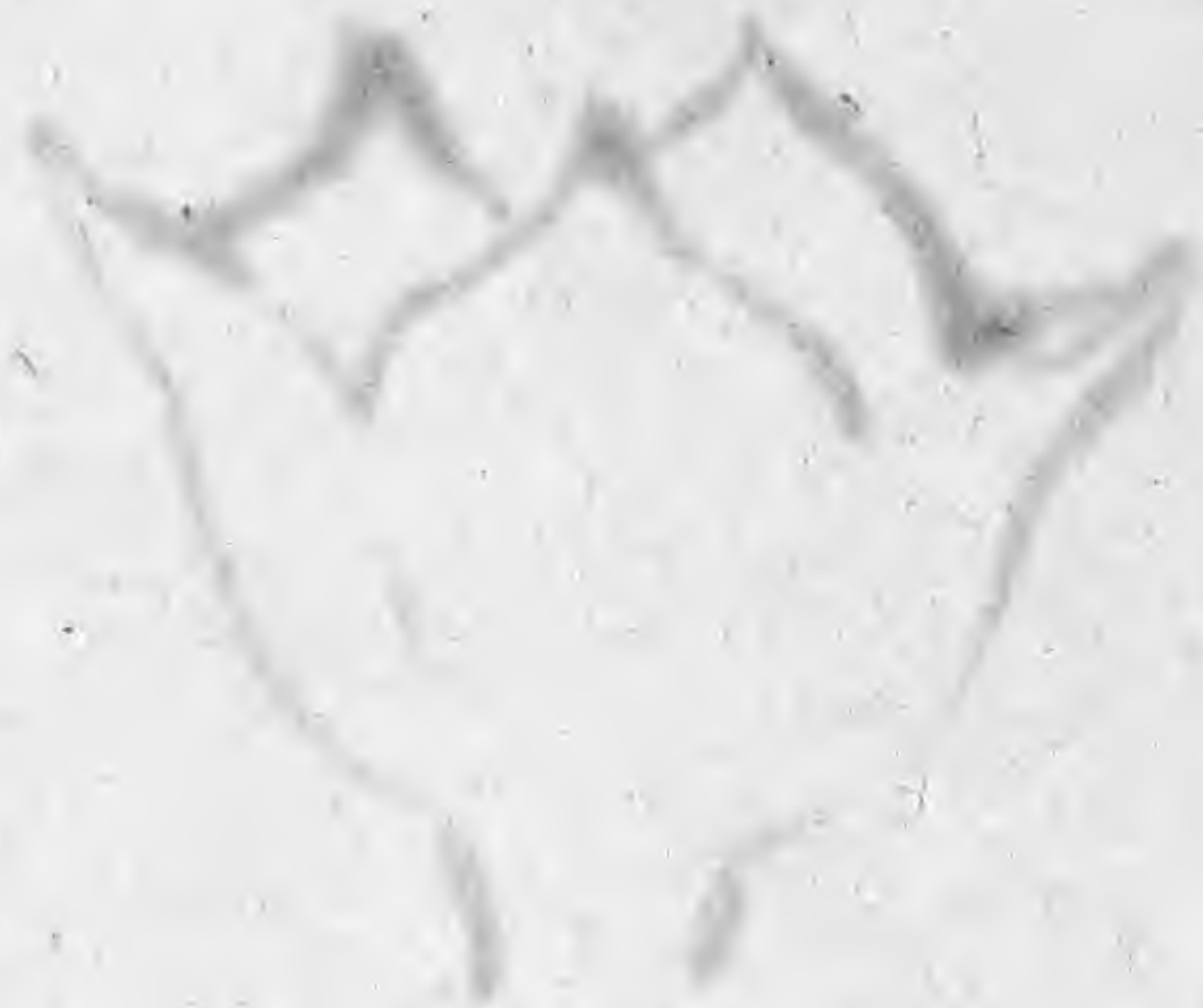
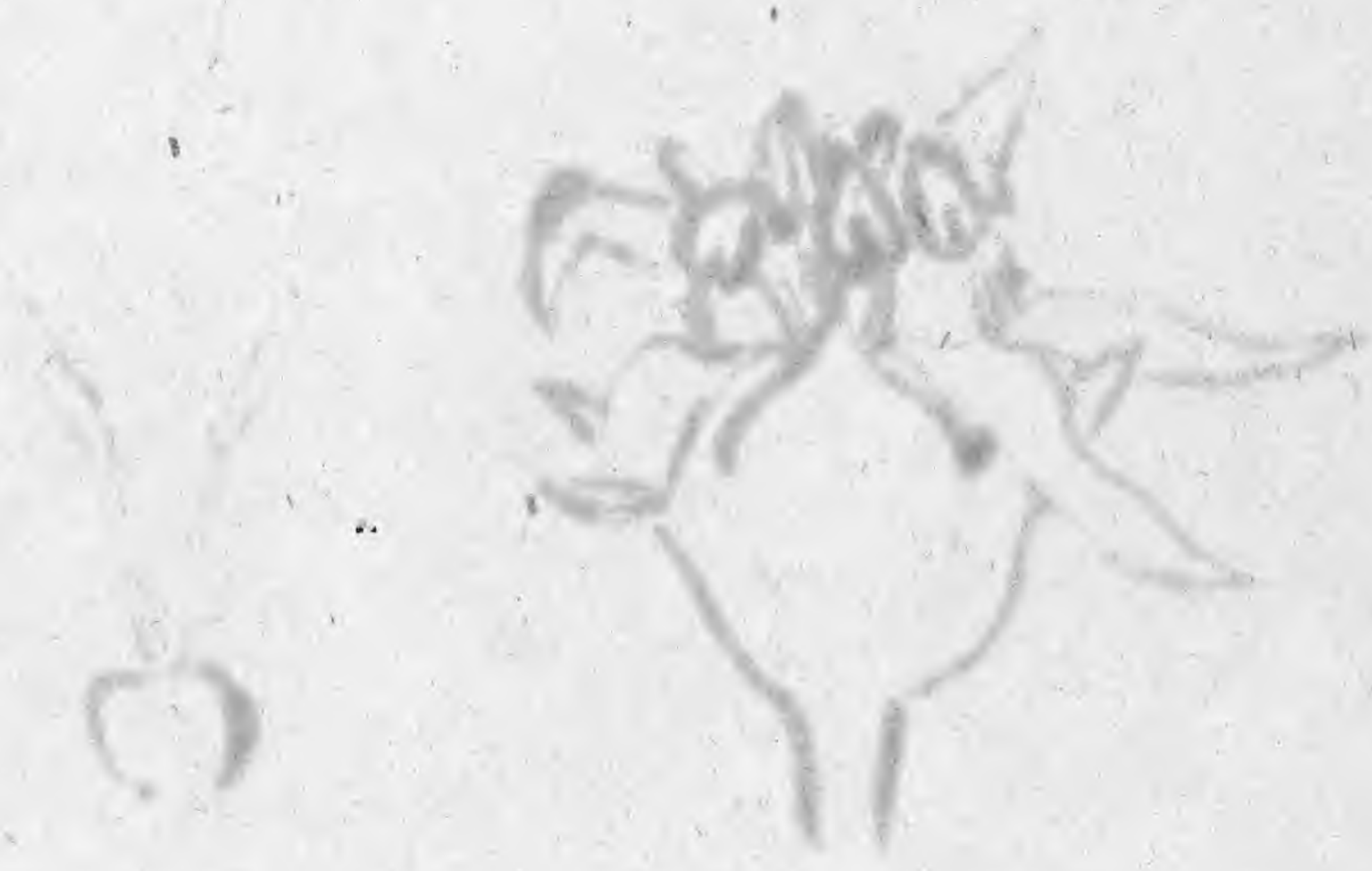
4553







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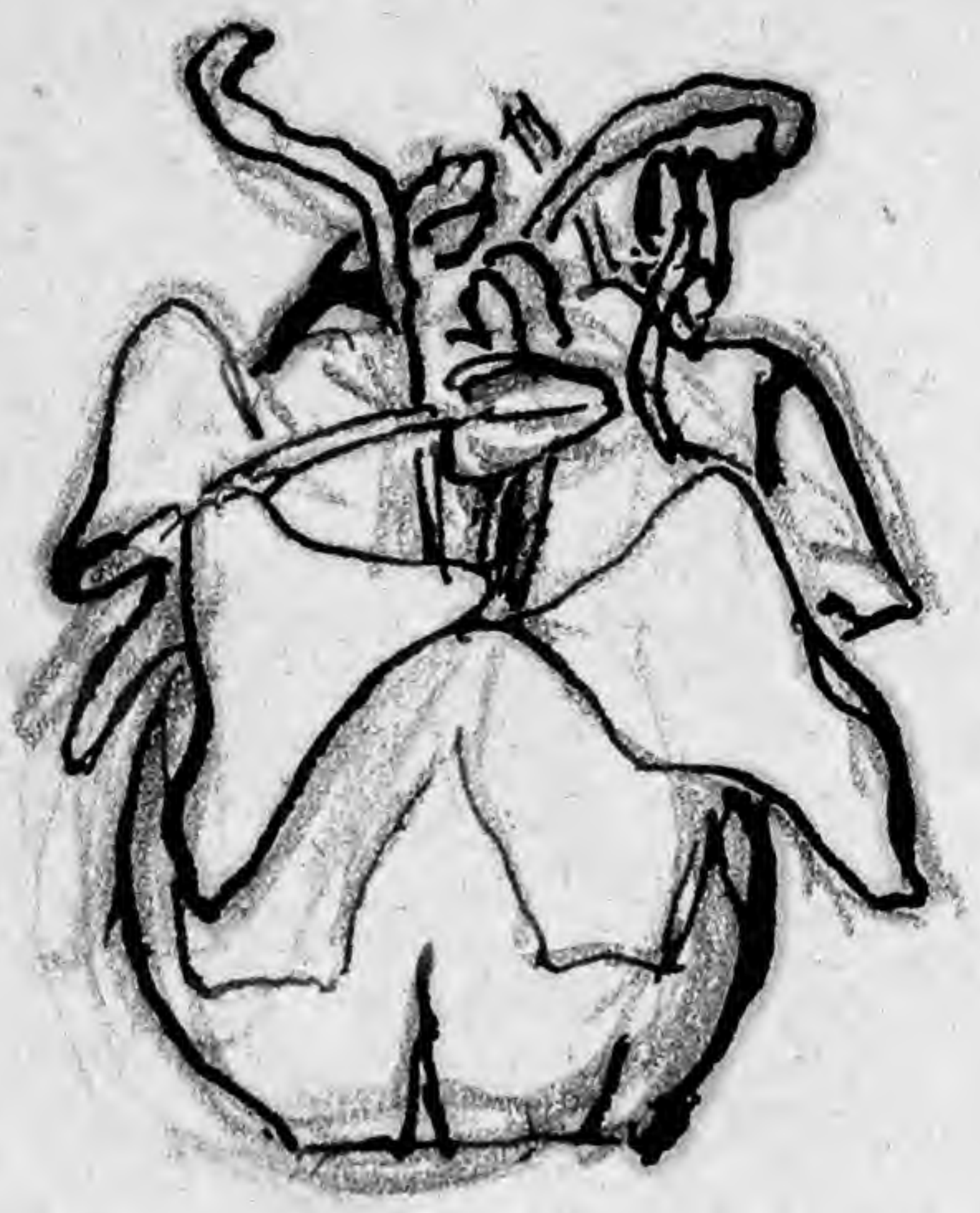
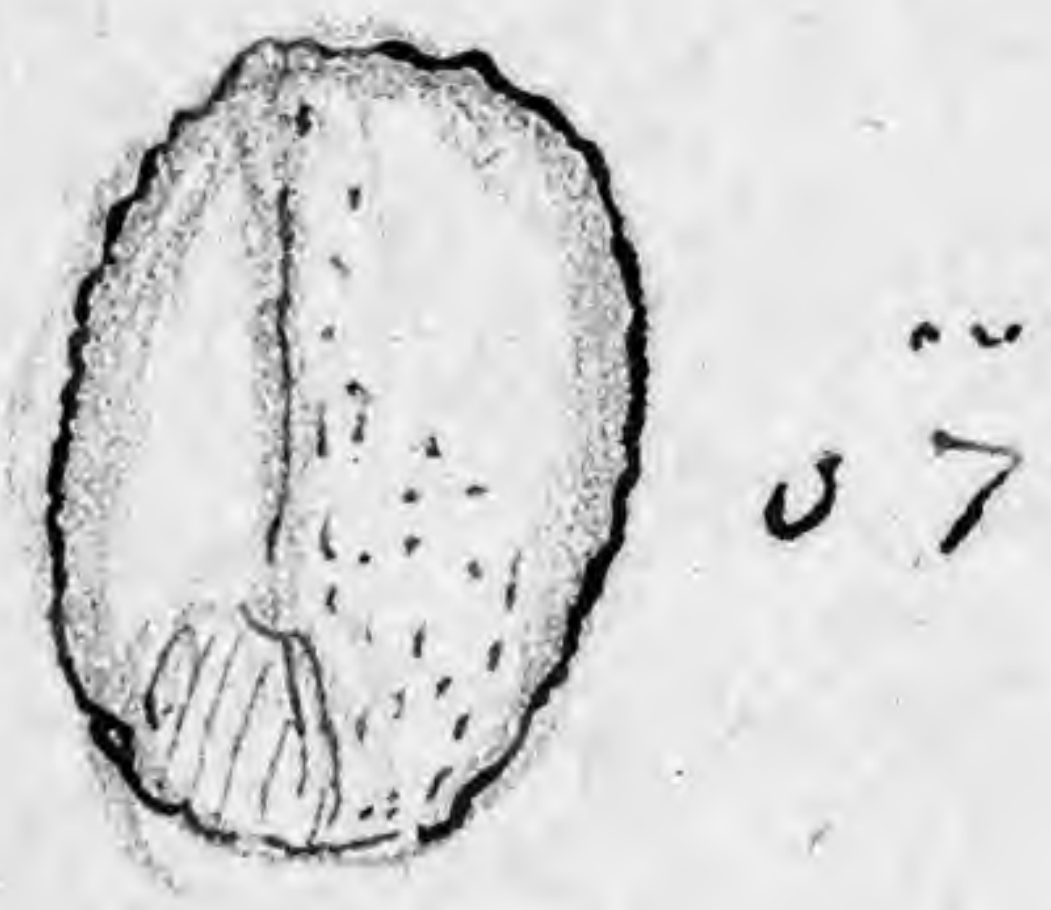
105

=9.8





"Cuscuta nitida, E.M."

Cap. b. sp. (Mund) Drège

Ex herb. Hook 37

corolla calyciformi supra capsulam

[illegible] [illegible].

4554

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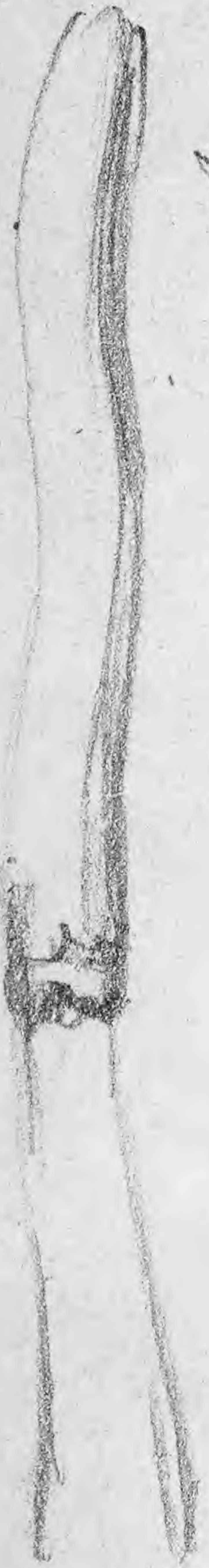
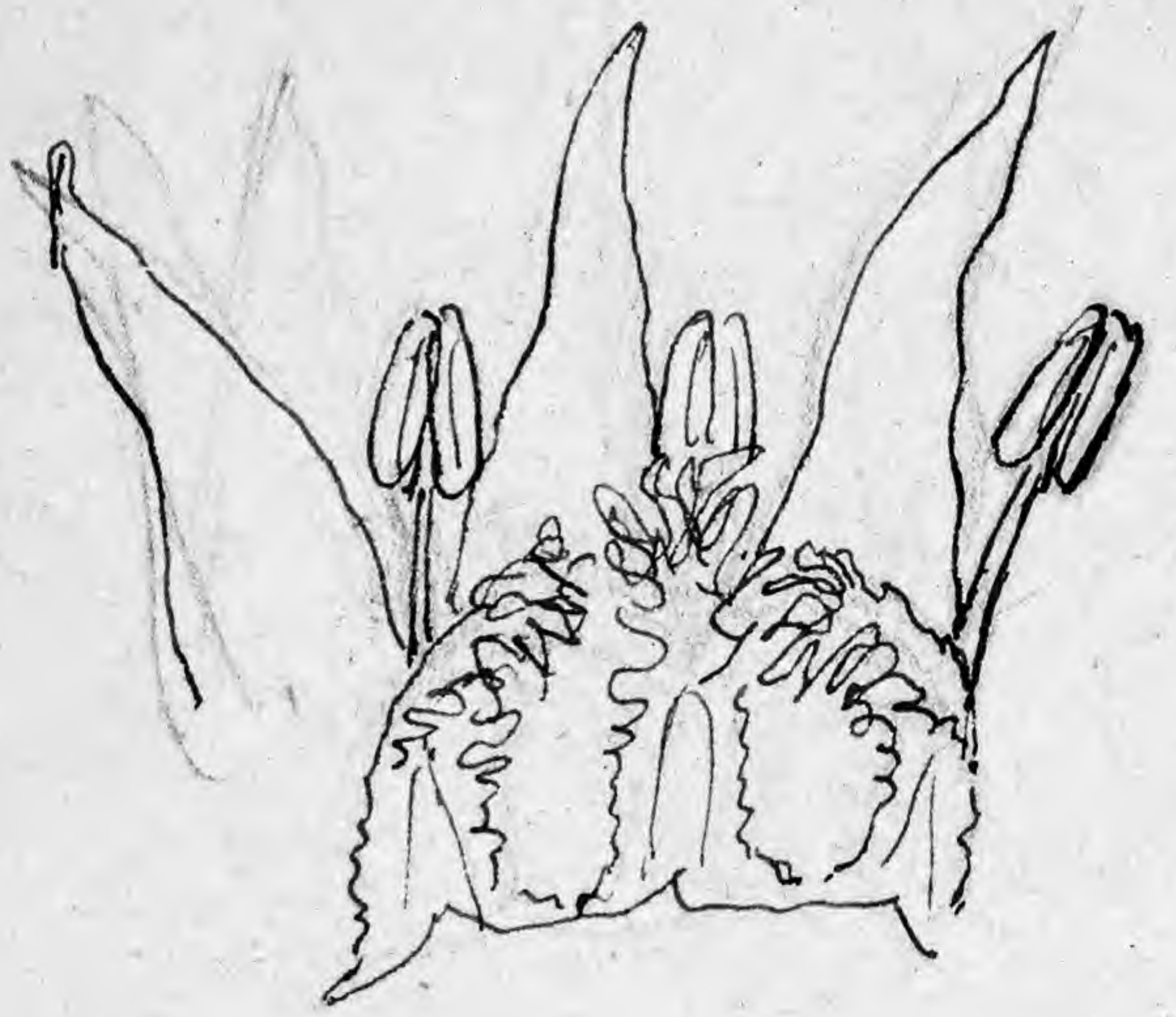
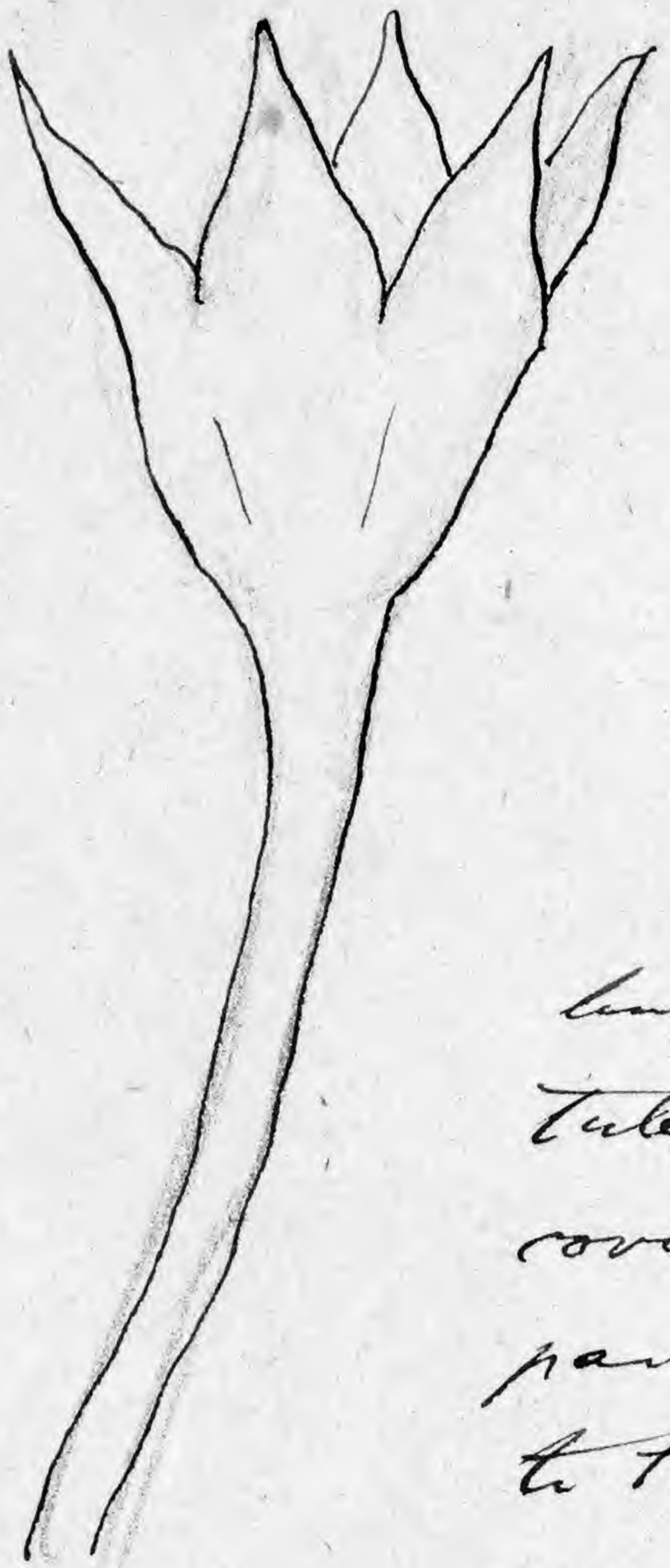
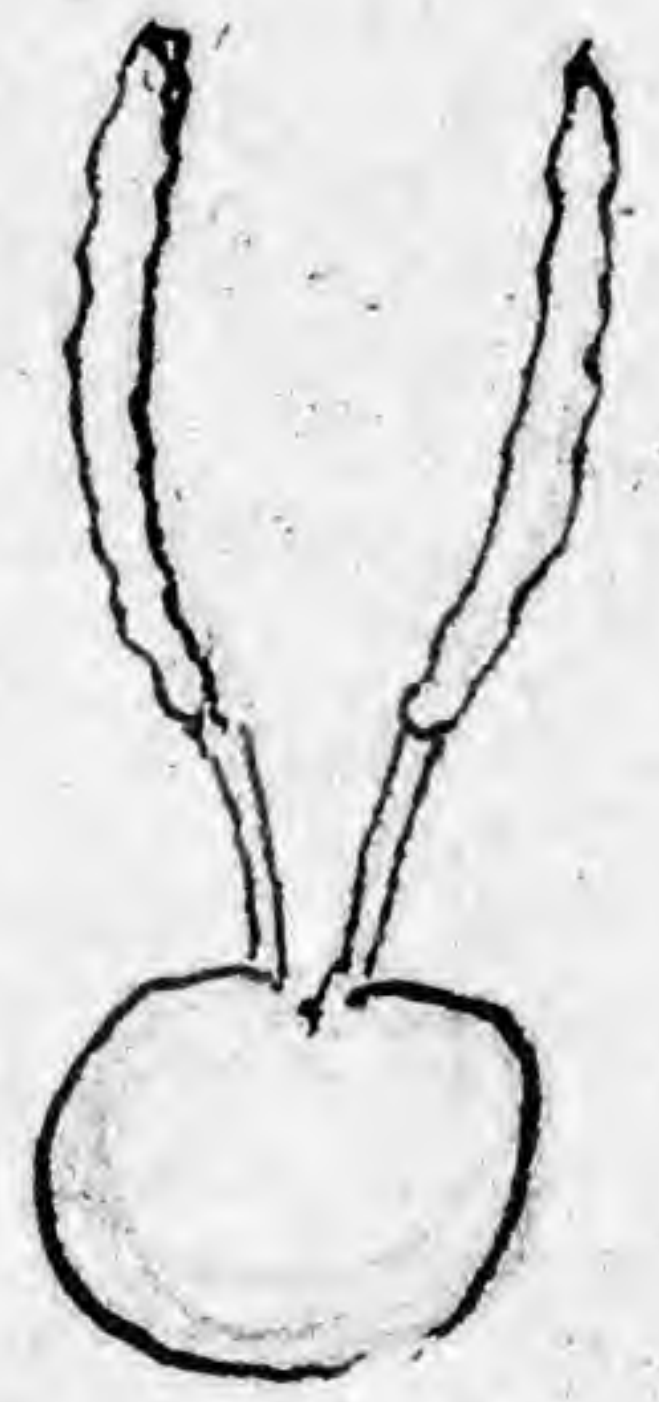
= 100









Cuscuta nitida
var squamosa

C.B.S.

upon Grielum tenuifolium
Dr Pappe
Herb. Hook 34. a

This seems to be C. nitida, but calyx & corolla rather longer, tube shorter scales very large covering entirely the filament and part of the anthers even adnate to the insertion of the filament scarcely united at base

4555

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cm
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98

= 105 — c 107

nitida

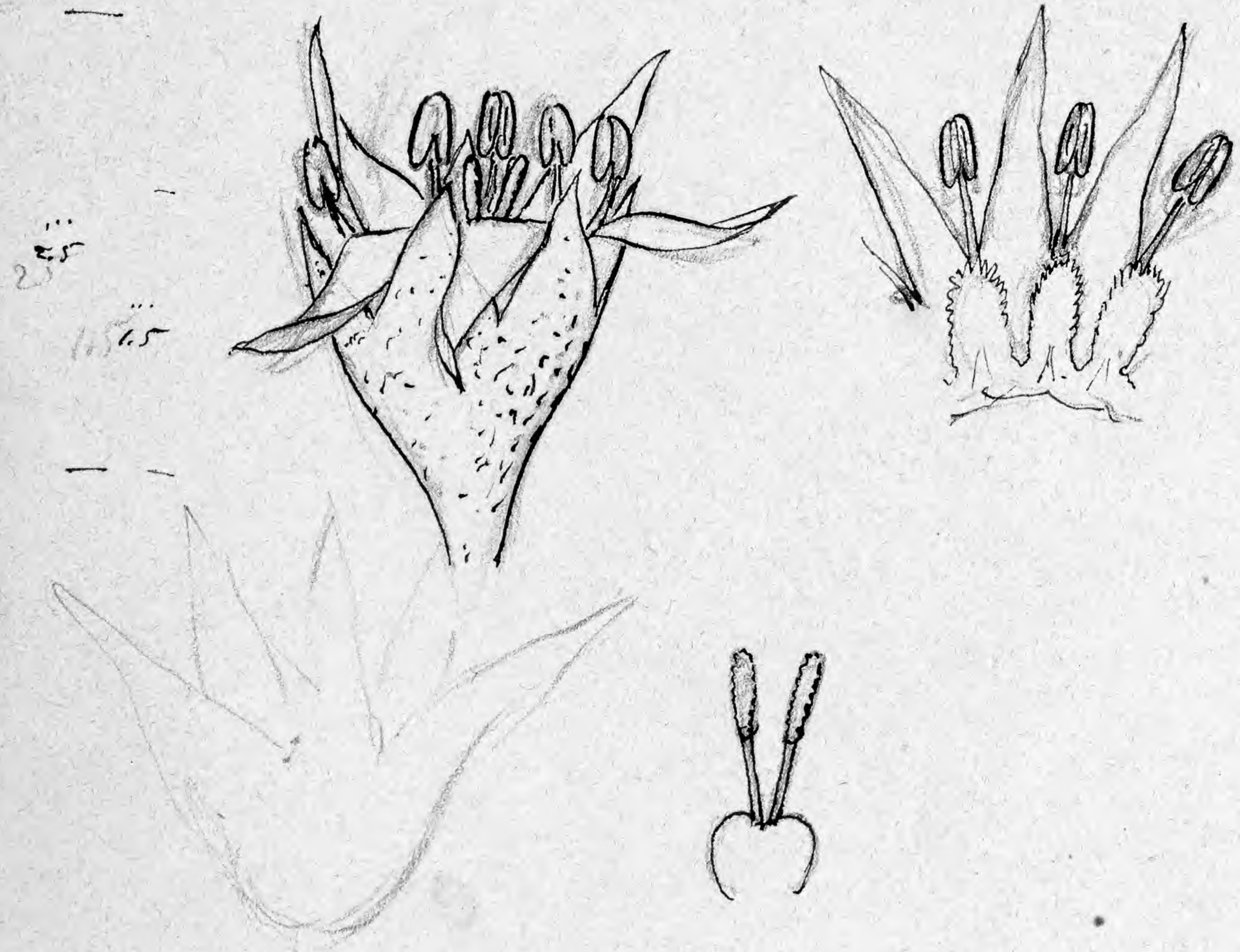
Cuscuta africana a

Cap. b. sp. Drege

= Herb. Undol. 37

& 35

calyce granulato; squamis ovatis tenuissimis margine breviter fimbriatis, exsertis



4556

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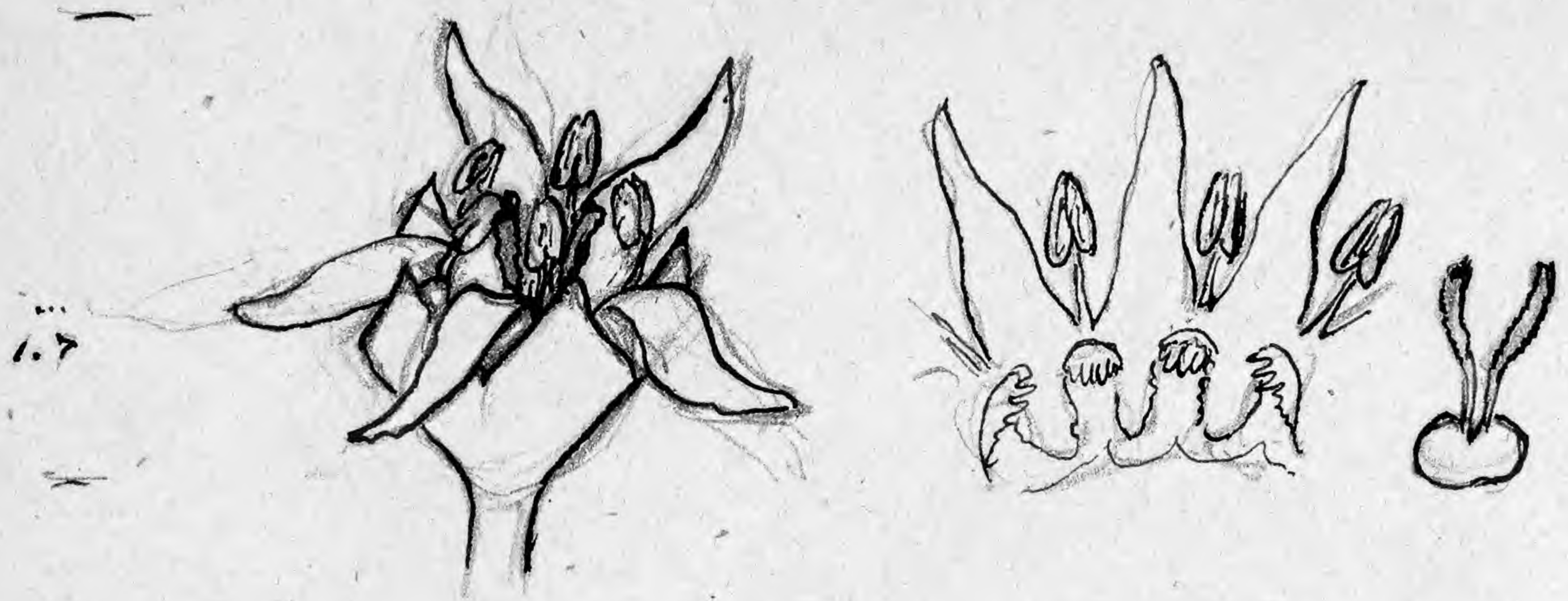
100

= 102

nitida

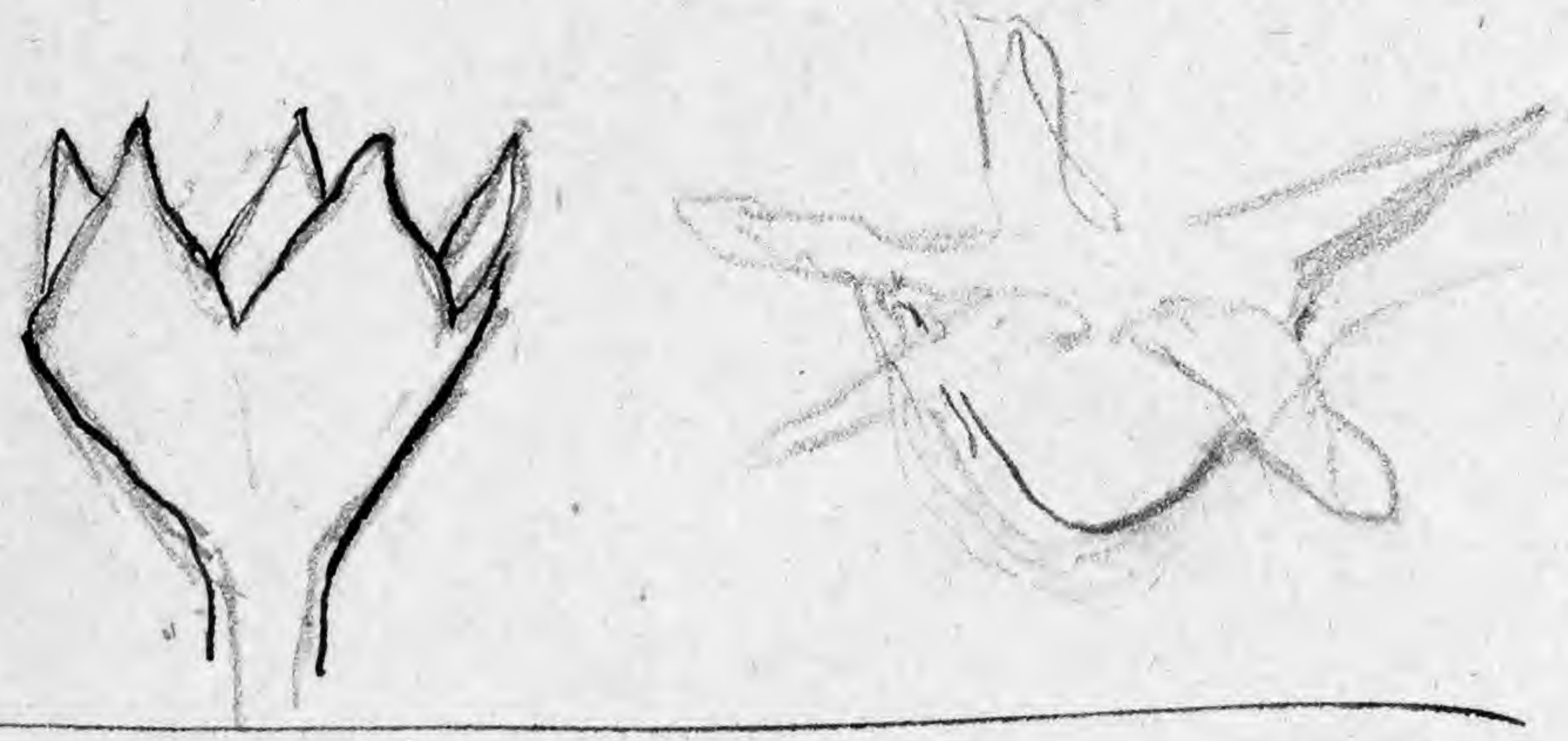


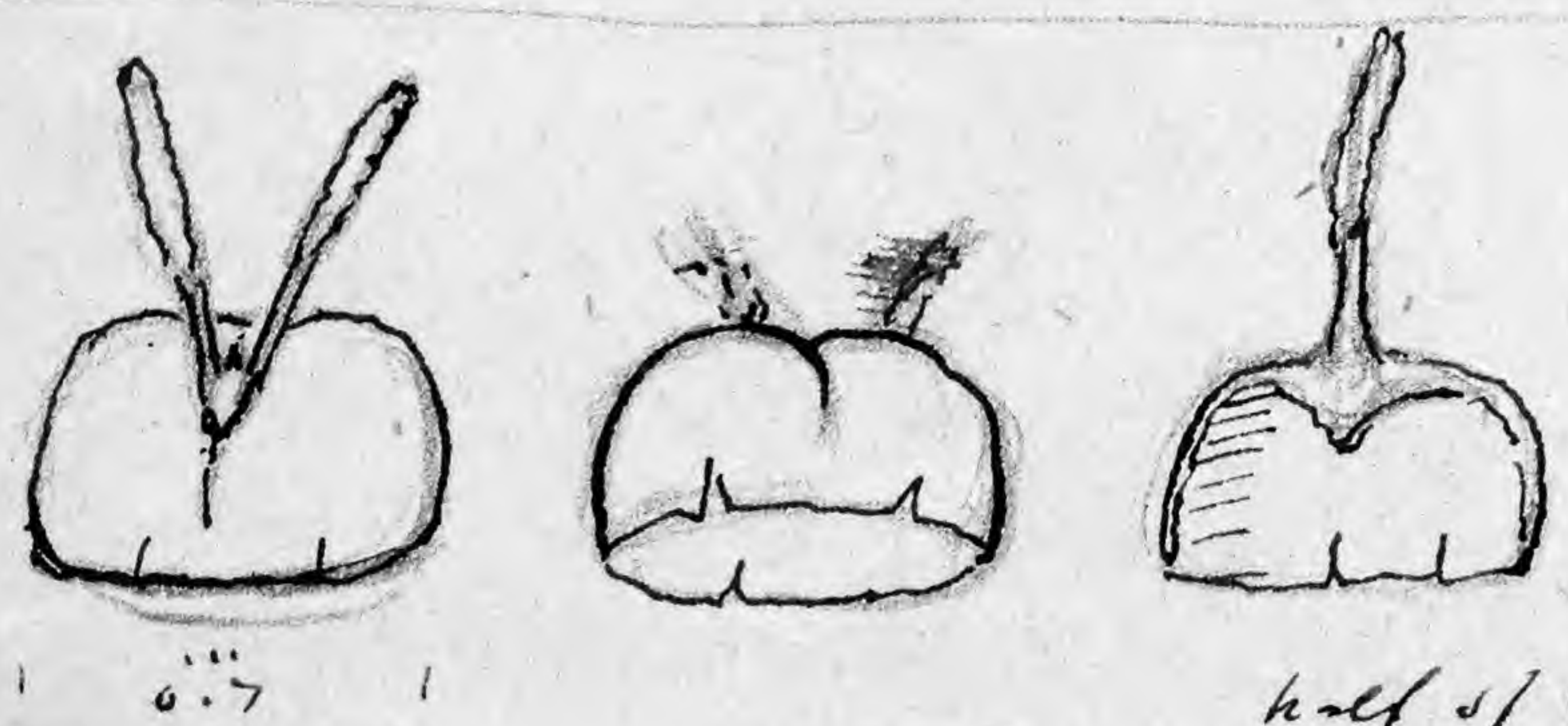
"Cuscuta africana"

C.B.S. Scholl (ex Herb Frattsnik

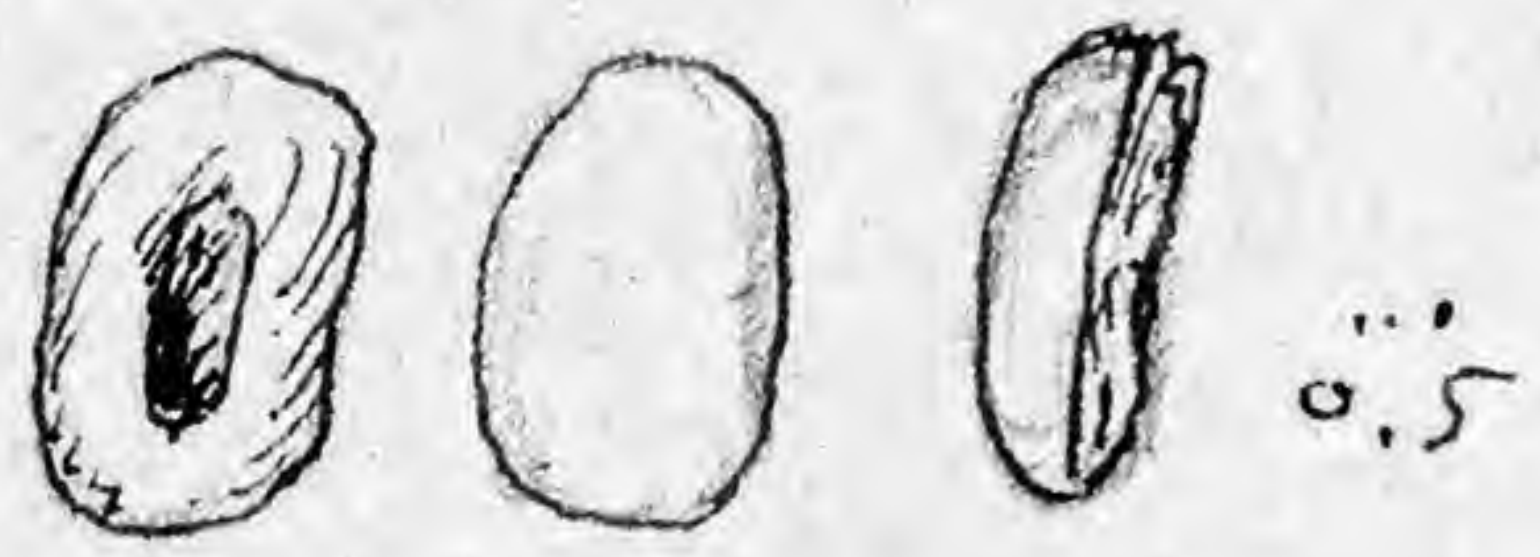
(Hb. Vindob. N. 32)

calycis cupulato lobis triangulatis acutis tubum corollae longe superantibus antheris ovato sagittatis filamento aequantibus, etc





seed enlarged

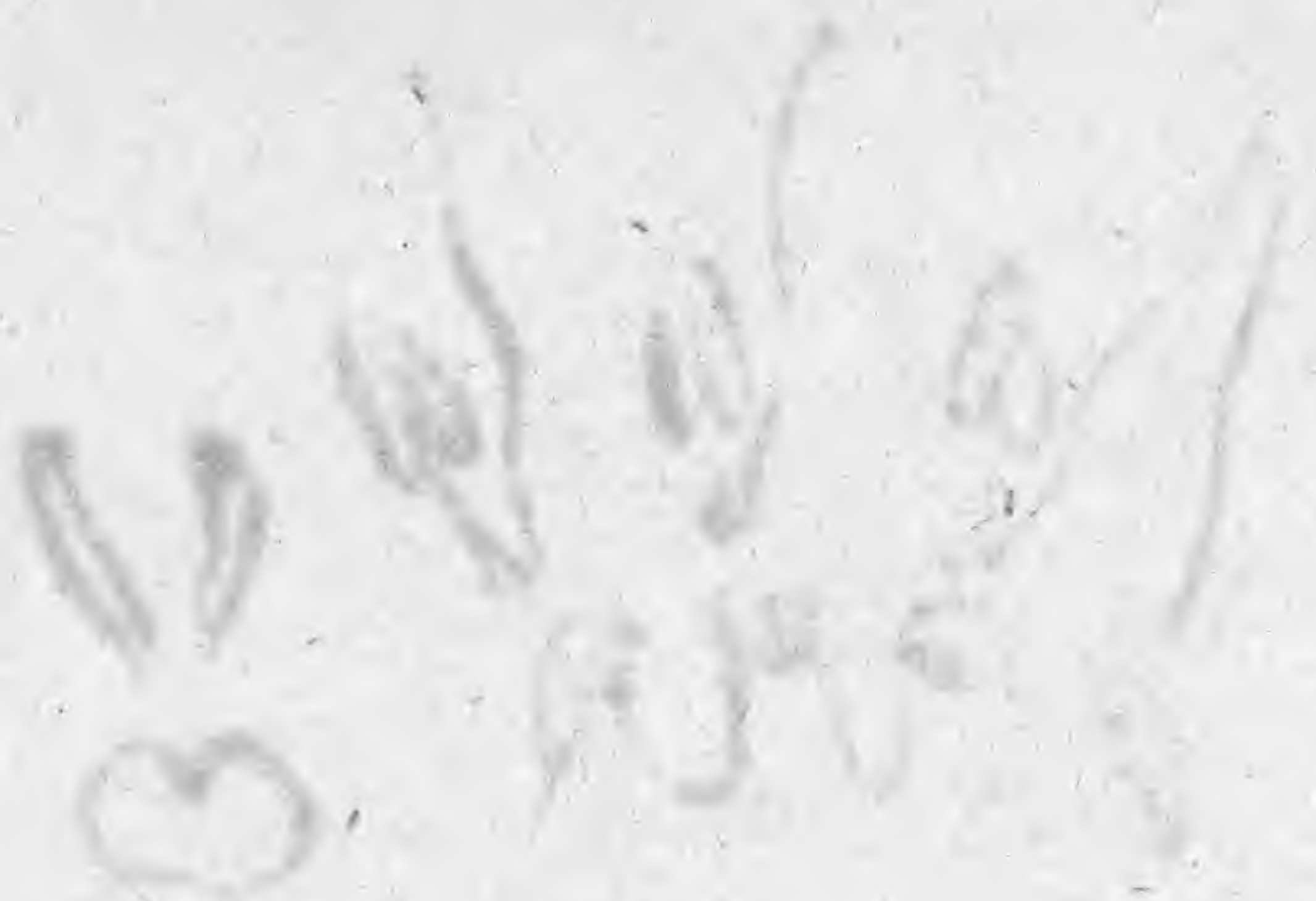


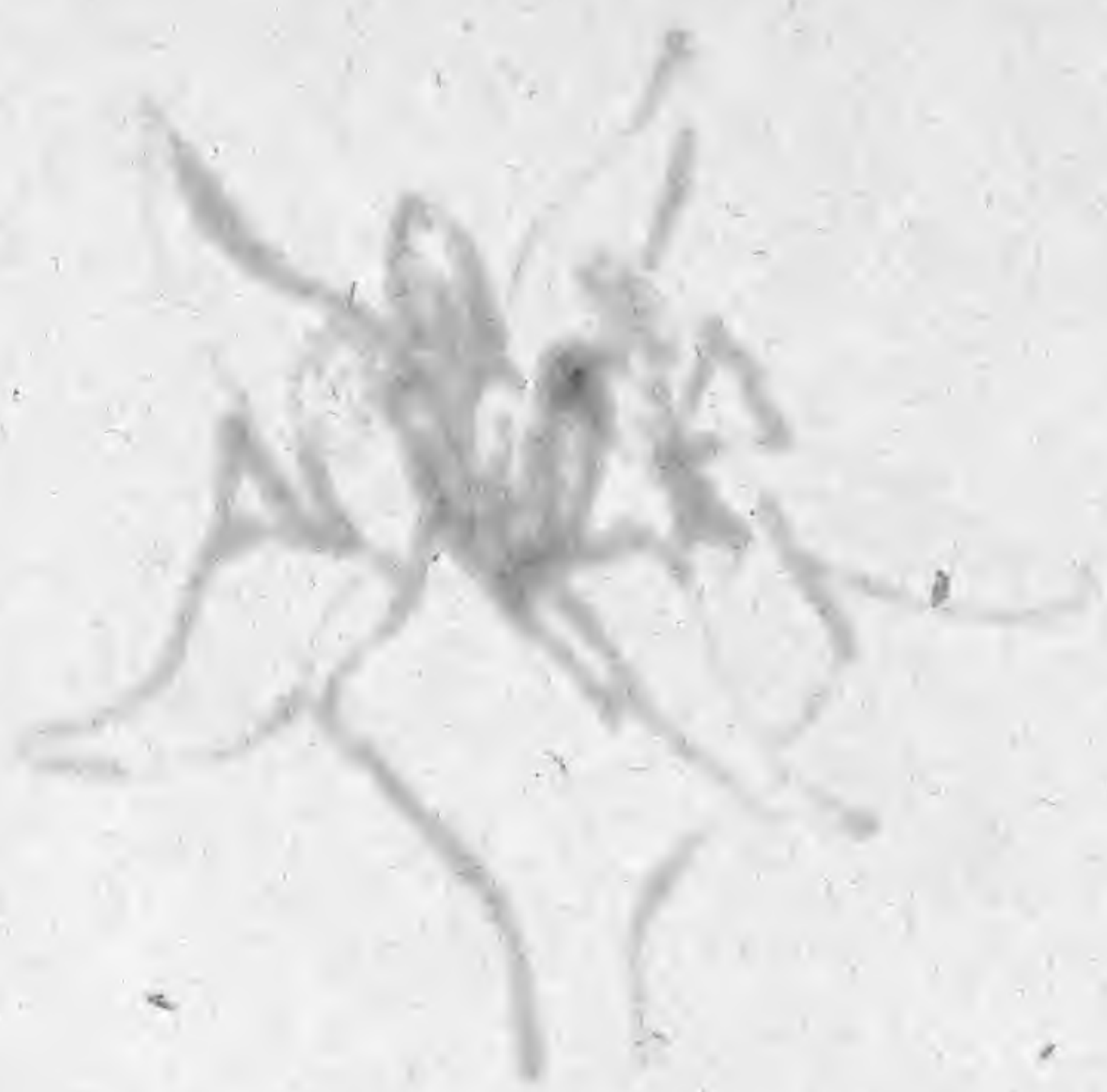
Staavia
or ~~Hedix~~ radiata Hb. Portenschlag

Hb. Vindob. 33

Caps 0.5 – 0.7 l. in diameter
seed with a longitudinal groove or impression

4557





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cm
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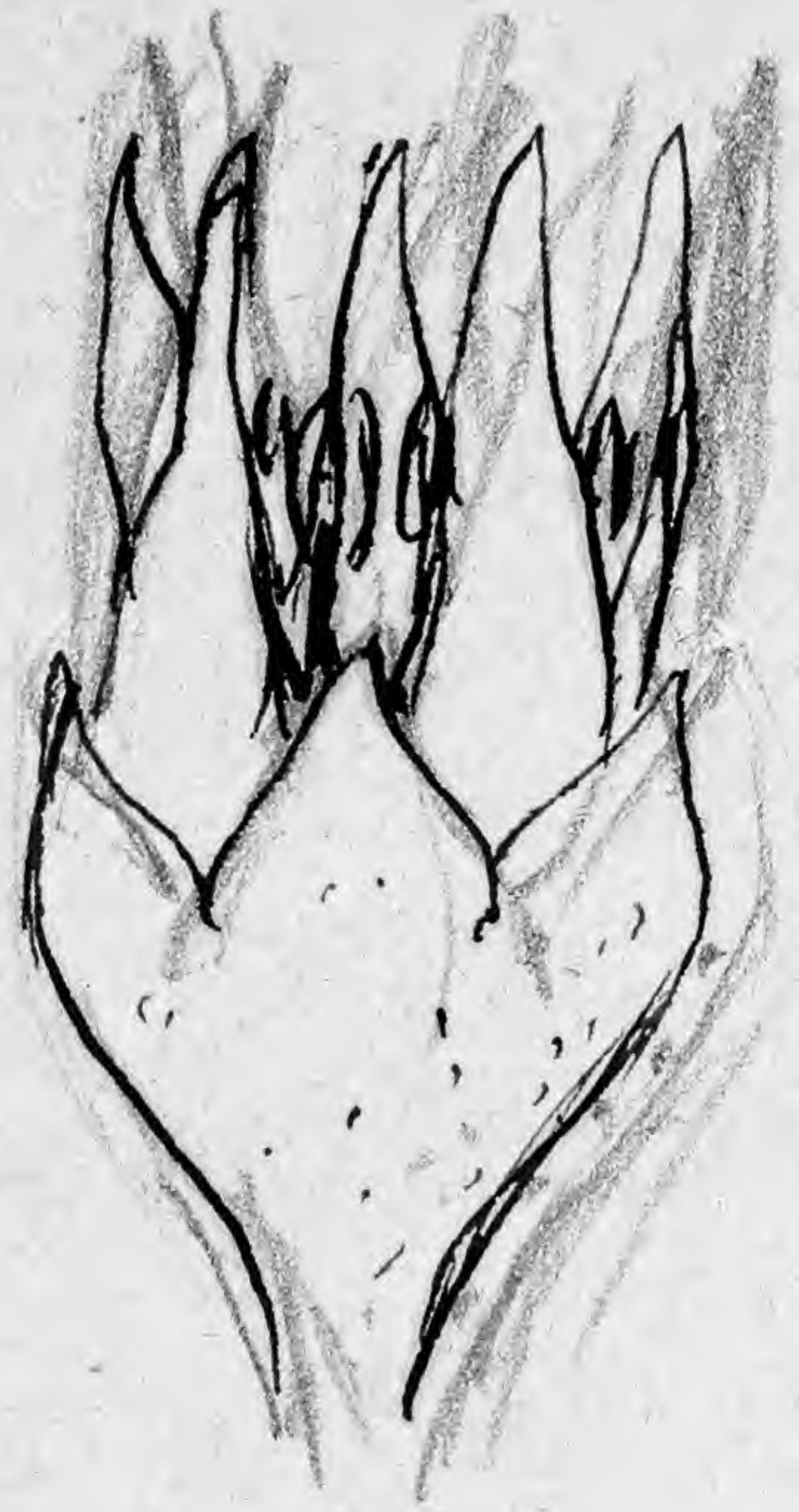
107

=98?



Cuscuta nitida.

C.B.S. Herb. Harvey 460.

ex Herb Hook 36.6.

similar to 99, but calyx longer than tube; more like 98 apparently. capsule also similar. to 105. — Calyx lobes somewhat imbricate

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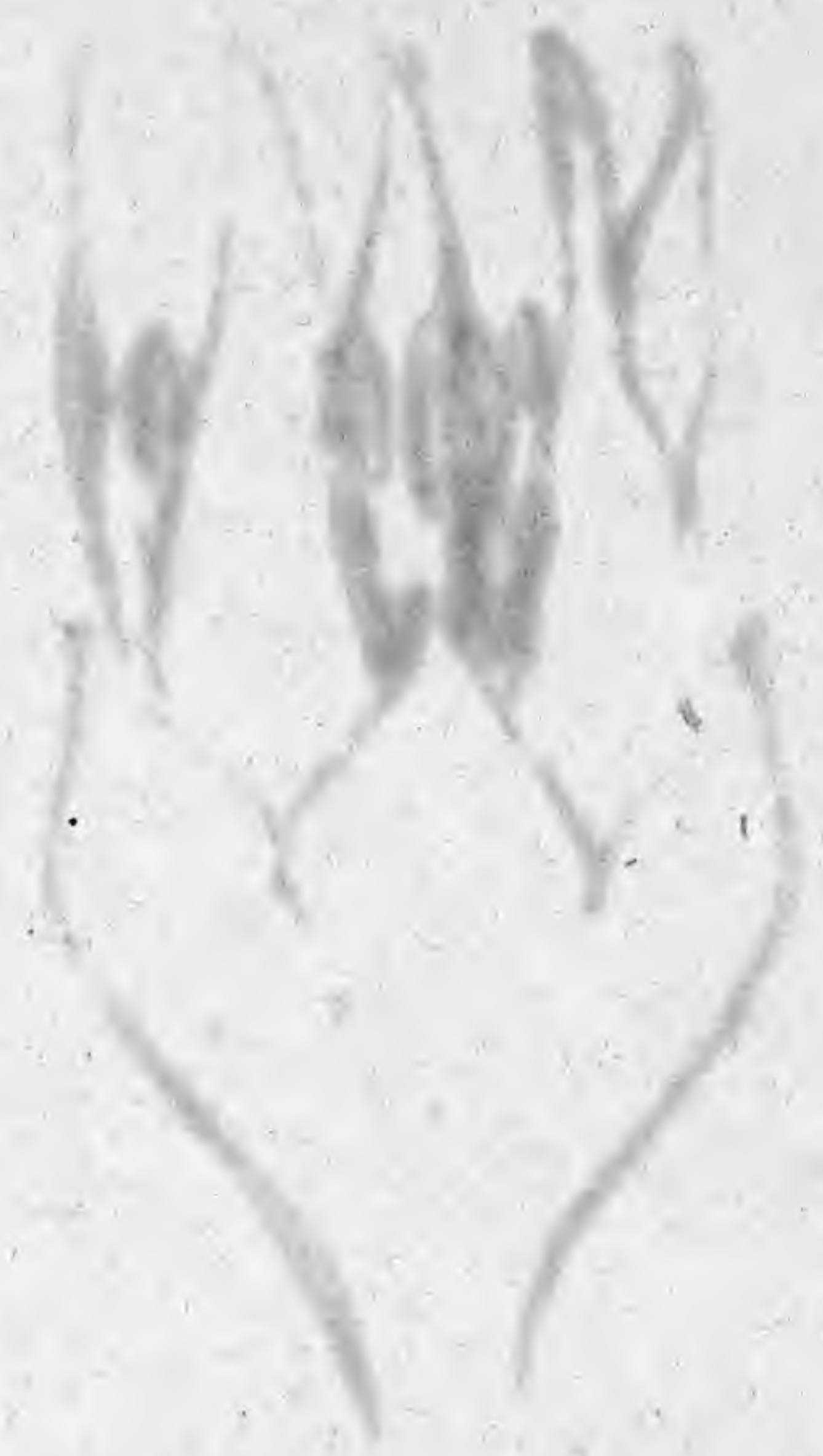

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Geo. Hetzel, Pittsburgh, Pa.
For Sale.

4. June Roses,
Geo. C. Lambdin, N. A., Germantown, Pa.
For Sale.

5. Inquiring the Way,
Geo. B. Wood, Jr., Germantown, Pa.
For Sale.

6. Grand Canon of the Arkansas—Colorado,
F. de B. Richards, Philadelphia, Pa.
For Sale.

7. Mark, *Jas. B. Sword, Philadelphia, Pa.*
For Sale.

8. In Cover, *Jas. B. Sword, Philadelphia, Pa.*
For Sale.

Cuscuta mitraeformis n sp
1880
near Jalapensis No 21

(enclosed 207-209)

4559

14. After the Flight,
Wm. H. Wilcox, Germantown, Pa.
For Sale.

15. Off Newport—R. I.,
Wm. T. Richards, Germantown, Pa.
For Sale.

16. Castle of Chillon,
Isaac L. Williams, Philadelphia, Pa.
For Sale.

17. Autumnal Landscape—(Park Scenery near Philadelphia),
Isaac L. Williams, Philadelphia, Pa.
For Sale.

18. Apple Blossoms,
Isaac L. Williams, Philadelphia, Pa.
For Sale.

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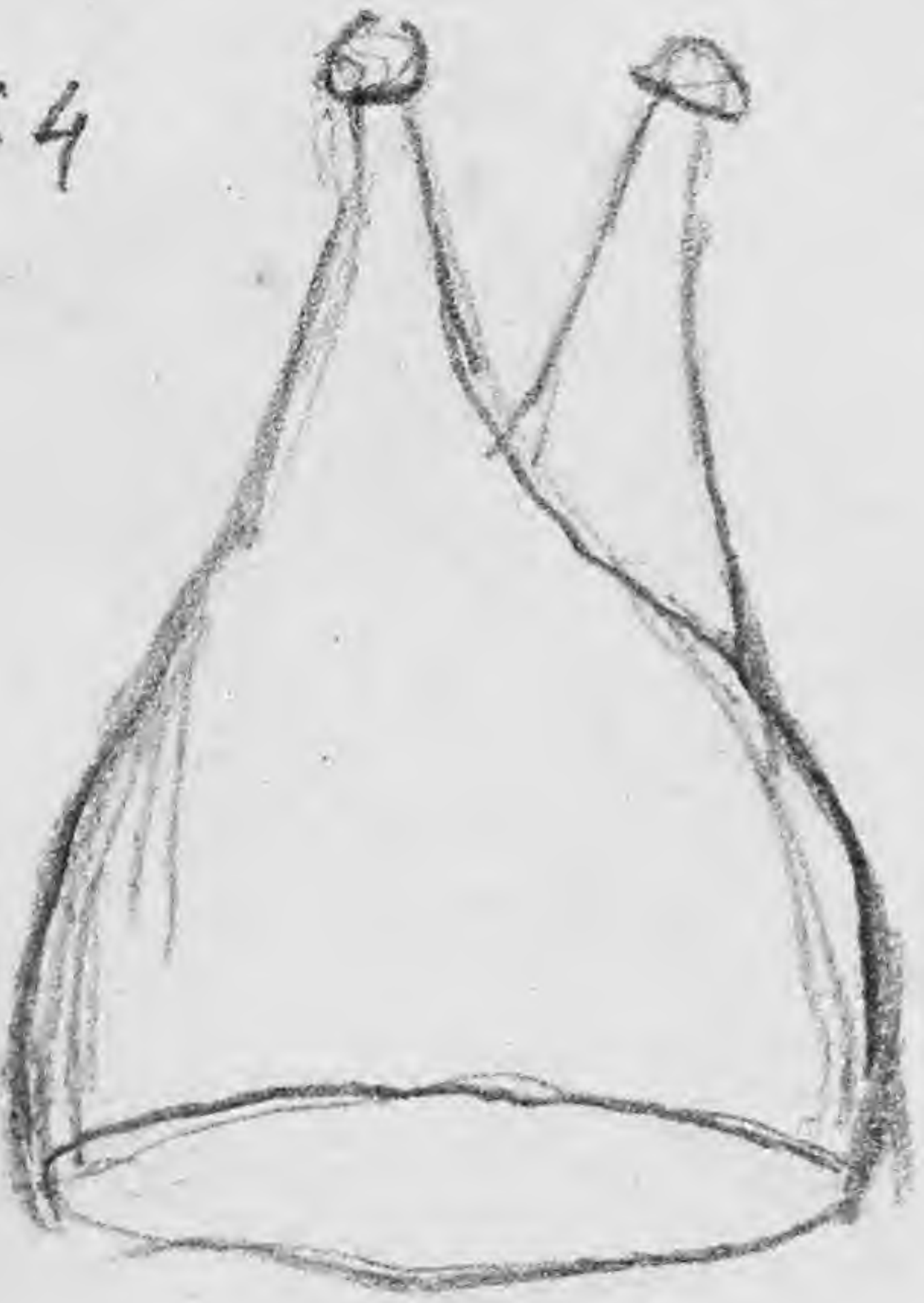
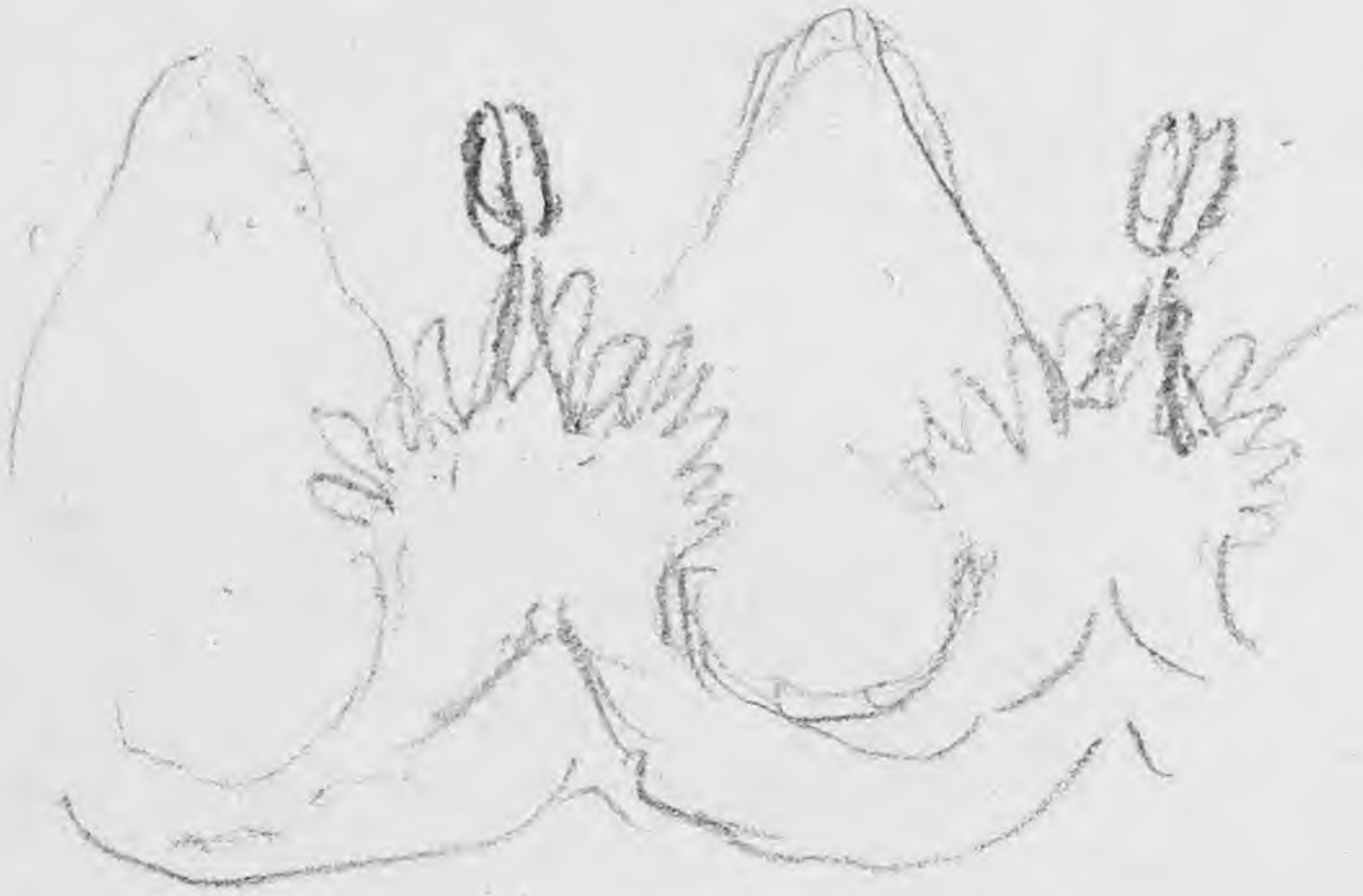
Missouri Botanical Garden

Cuscuta mitraeformis n. sp   Jan 9 1879

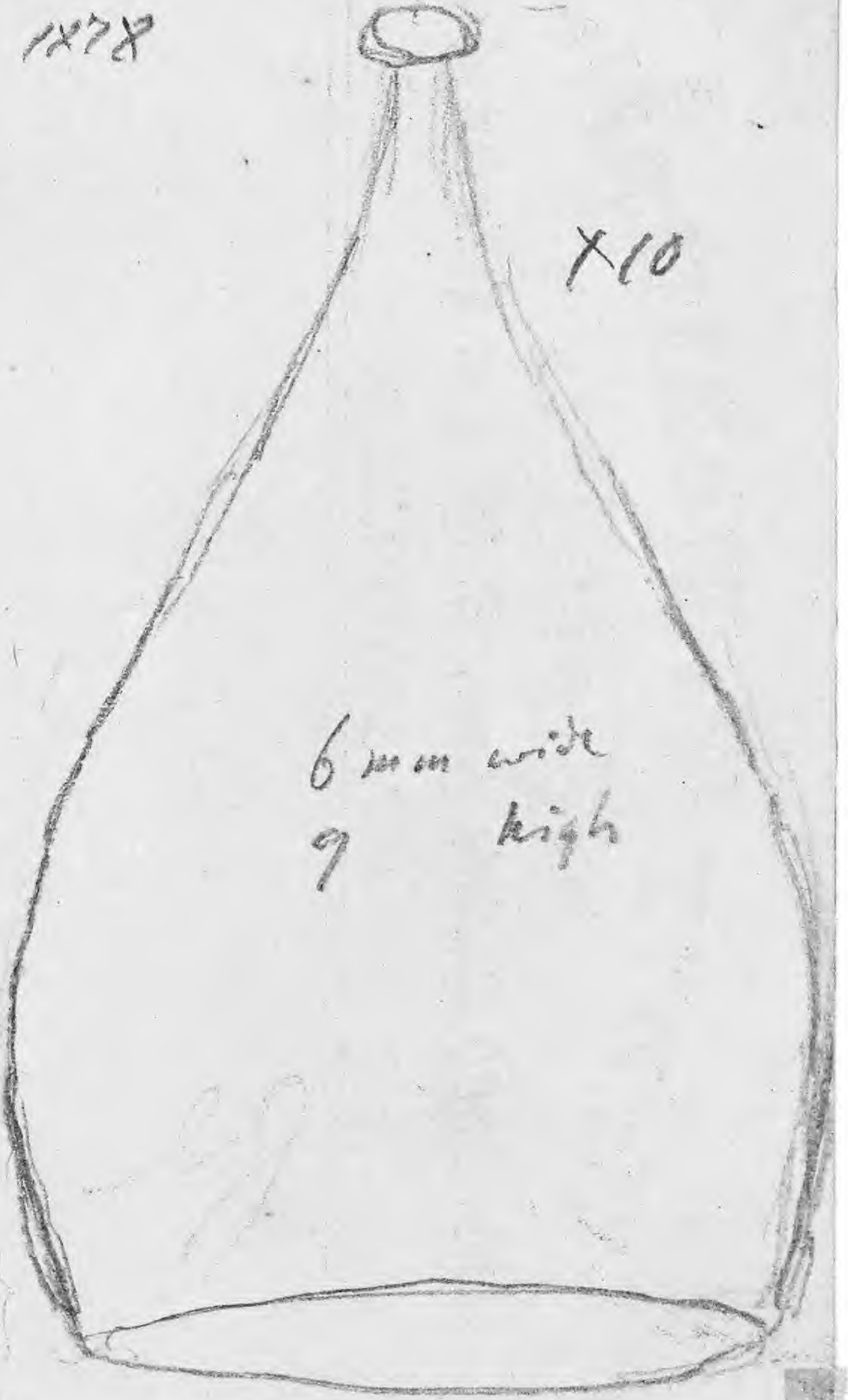
Dr Palmer, Mexico 1878

x 4



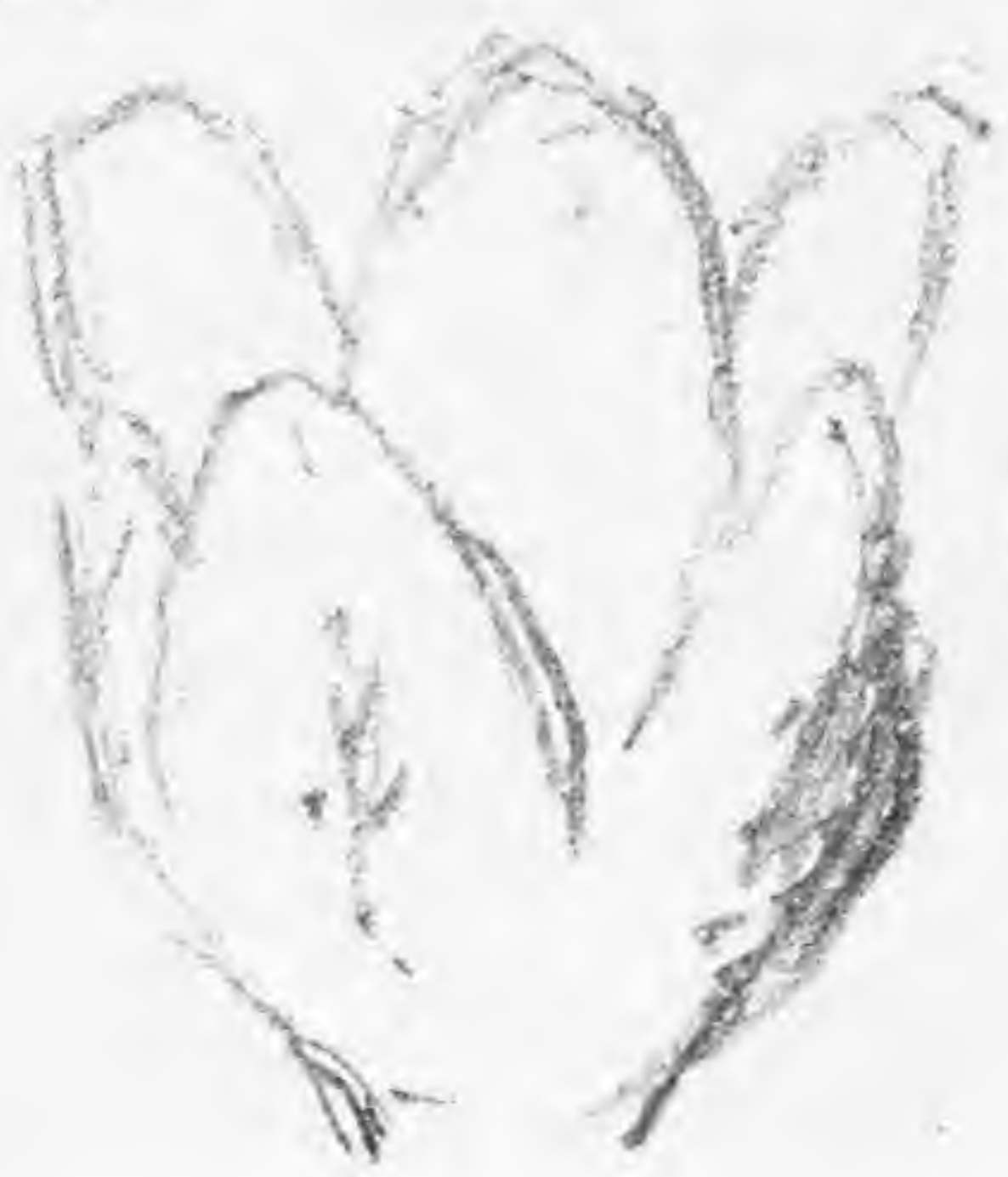


x 10

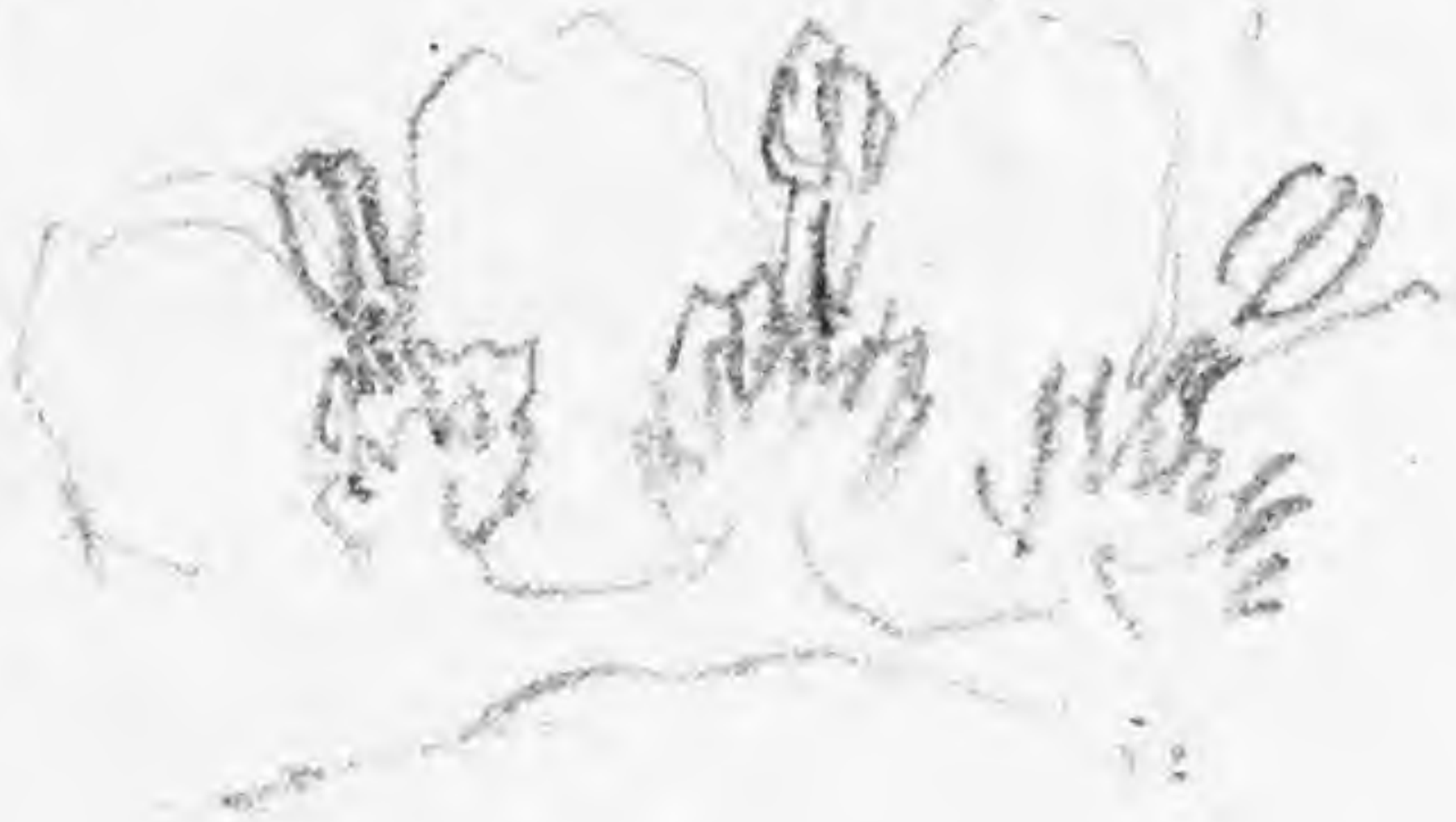


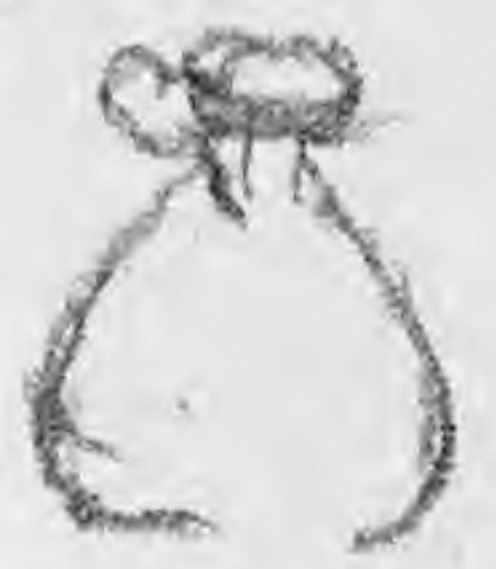
x 4

flower just opening 5 mm long



does this belong here?





lobes rounded longer, or as long as tube, stamens shorter than lobes

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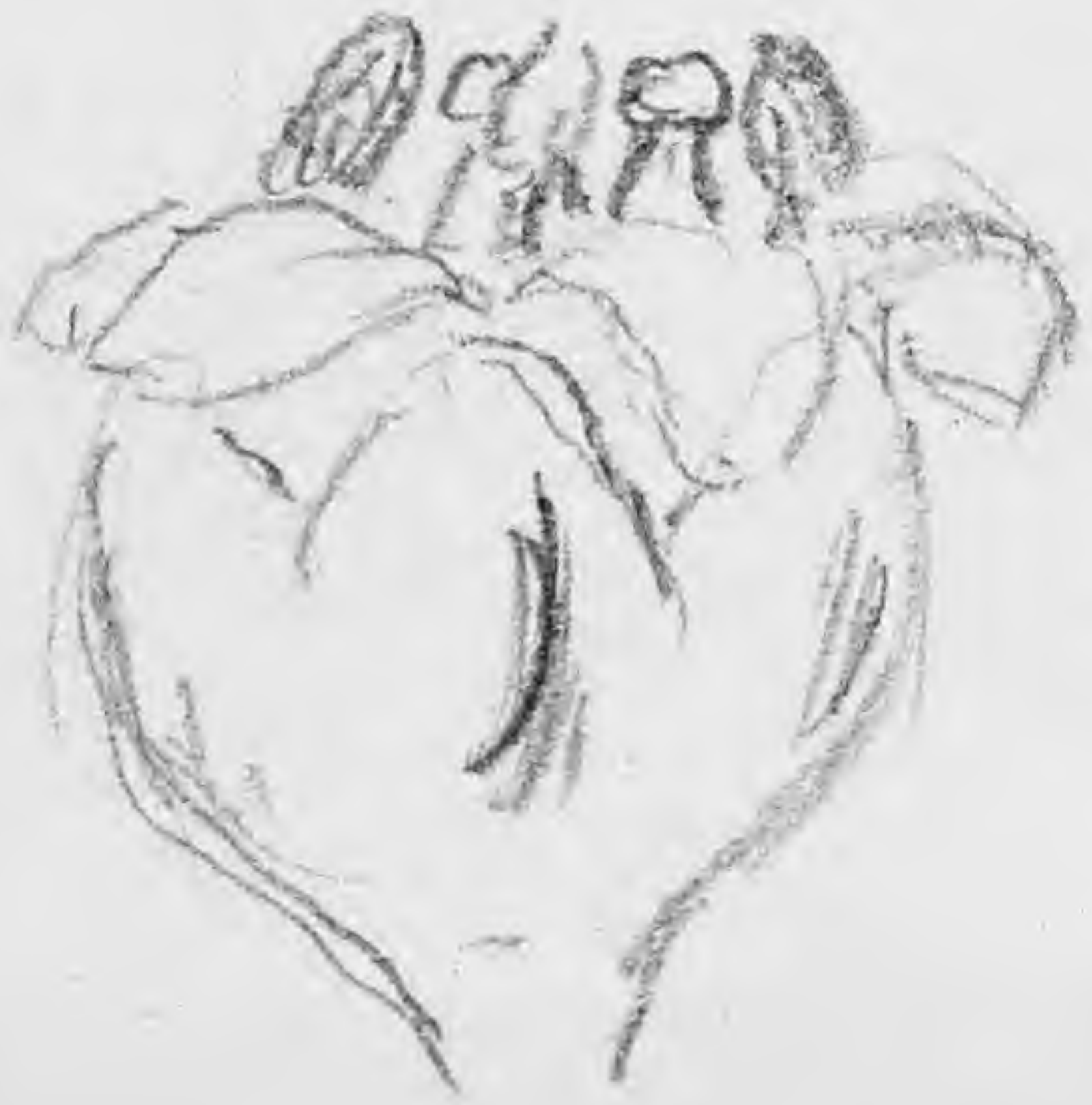
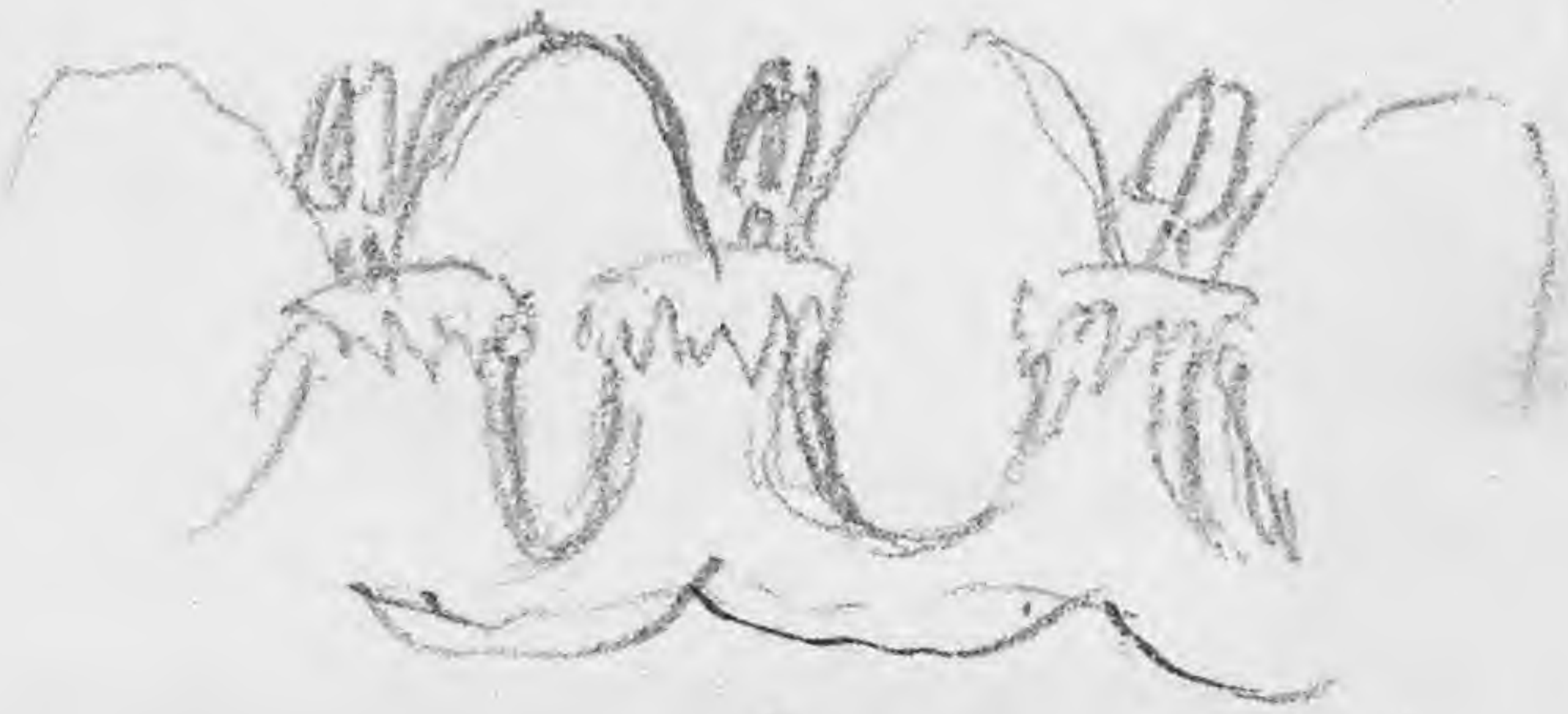
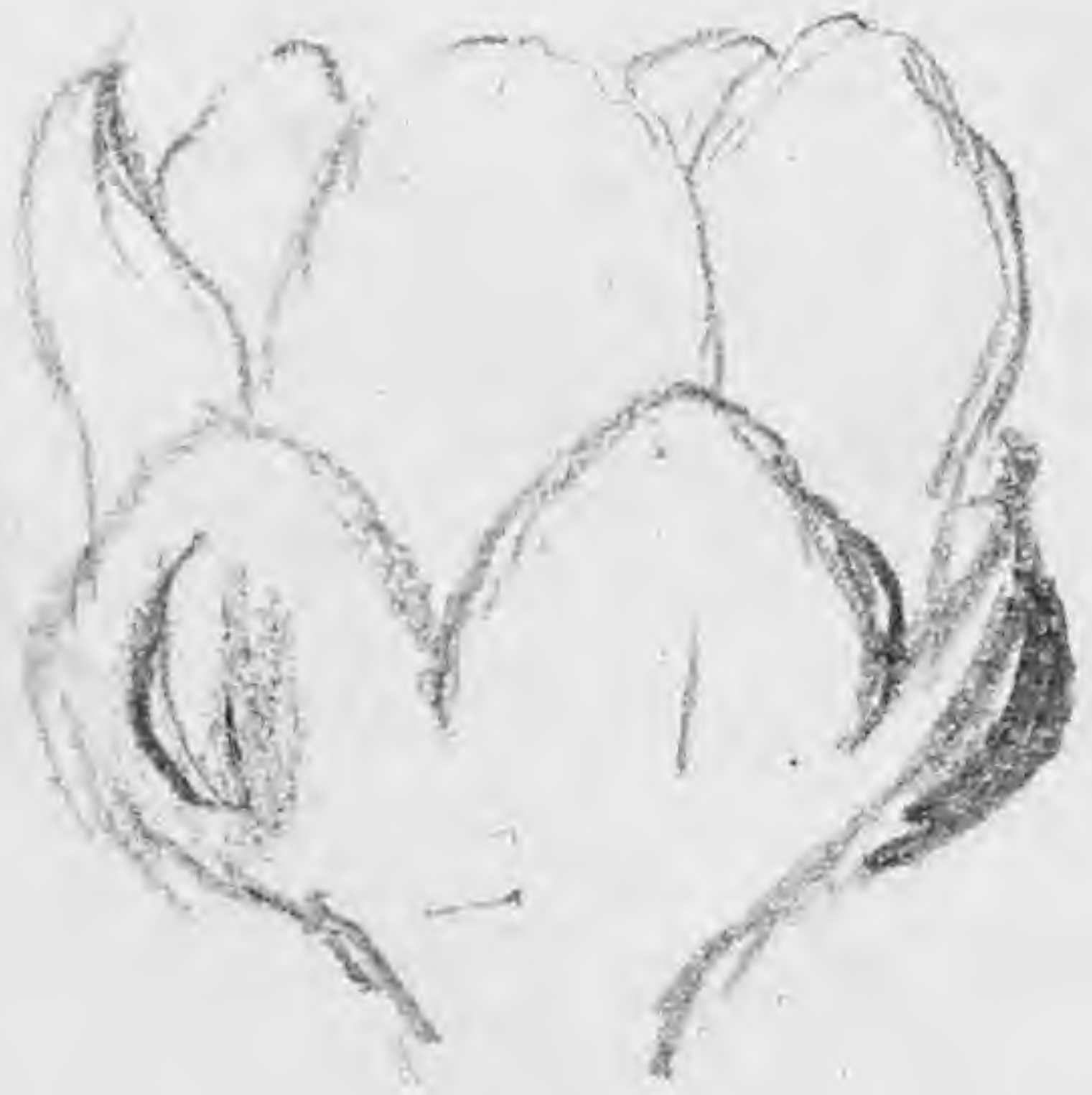
Cuscuta mitraeformis Jan 10 1880

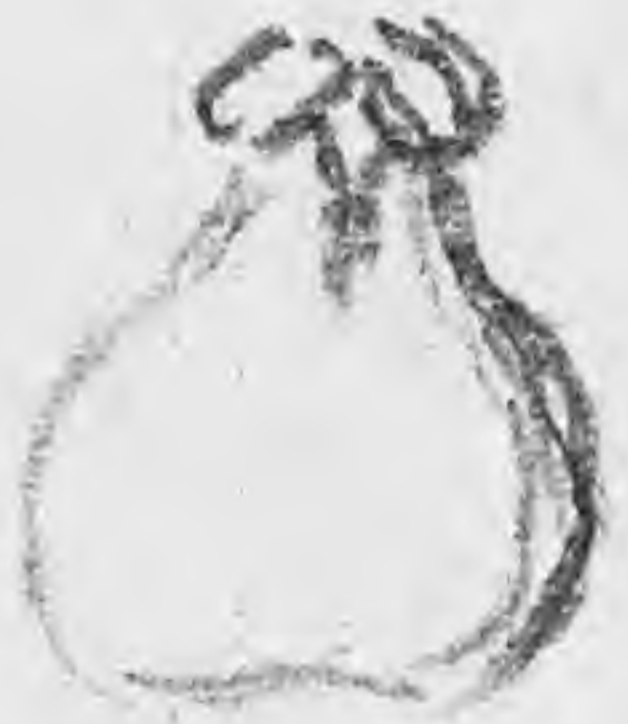
x4 Dr Palmer Mexico 1878



Open flowers







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Jan 12 1880 mitraeformis

Cuscuta ~~bicuspis~~ n. sp. Stems stout,
flowers short pedicelled or subsessile, crowded in large glomerules,
lobes of calyx orbicular, unequal, the two outer ones carinate
and ~~sometimes~~ almost winged, fully as long as the
short campanulate tube of the corolla; lobes of cor.
as long as the tubes, broadly oval, rounded, at last
~~patulous~~ or reflexed; subulate filaments ~~at the~~ equal
in length to the linear oblong anthers shorter ~~the~~ the corolla lobes.
stamineal scales very broad, exsert and incurved,
ovary with very short conical styles; ~~capsule~~ in fr.
~~all the parts considerably enlarged~~ capsule
appearing bifid, with the broadly enlarged divaricate conical
styles — irregularly circumscissile.

Between San Luis Potosi and Tampico May
Dr Palmer. — Flowers 3 lines long, in fruit 4 l. long,
glomerules in fruit 10 or 12 l. diameter; well
distinguished from the allied species by the broad
scales which exceed the tube and especially by
they very short and conical styles, which give the ovary the appearance of being bifid
the large bicuspidate capsules.
Its nearest ally C. jalapensis has slender
styles, a much smaller fruit. fig a

C. jalapensis Schl 631 a Schlecht. on Schiede Eng Cusc 478 an unusually large
form, unfortunately only in fruit (specimen) no flowers
were seen; distinguished from the last by the
~~slender styles~~, narrower corolla, with narrow
lobes, narrower scales, which are scarcely
exsert, and especially by the filiform styles,
which are dilated only at base.

C. applanata Eng Cusc 479 631 1/2 not different from the
Arizona species which I have described under that
name — ~~the plant has agreed in both the lobes of the~~

corolla are ~~[illegible]~~ oblong ~~the~~ ~~orbicular~~, obtuse, the
~~[illegible] the~~; the [illegible] [illegible] [illegible] [illegible]

C. Corymbosa var. stylosa Eng. Cuscut. 484 - the type of [illegible]
for Germany [illegible] [illegible]

C. Americana Lin Eng Cusc. 482 ~~[illegible]~~ &
~~the [illegible], [illegible]~~; [illegible] to Dora! other mollo [illegible]
~~[illegible]~~, [illegible]: a large and loose flowered form

Ich begrüße Dich herzlichst hätte mich Dir
einmal mehr gefreut wenn Du auch G.
nicht später gekommen wärest [illegible]
es [illegible] ich wollte wie ursprünglich in
meinem Zimmer hier – Gratchen soll
Dir alles besorgen –

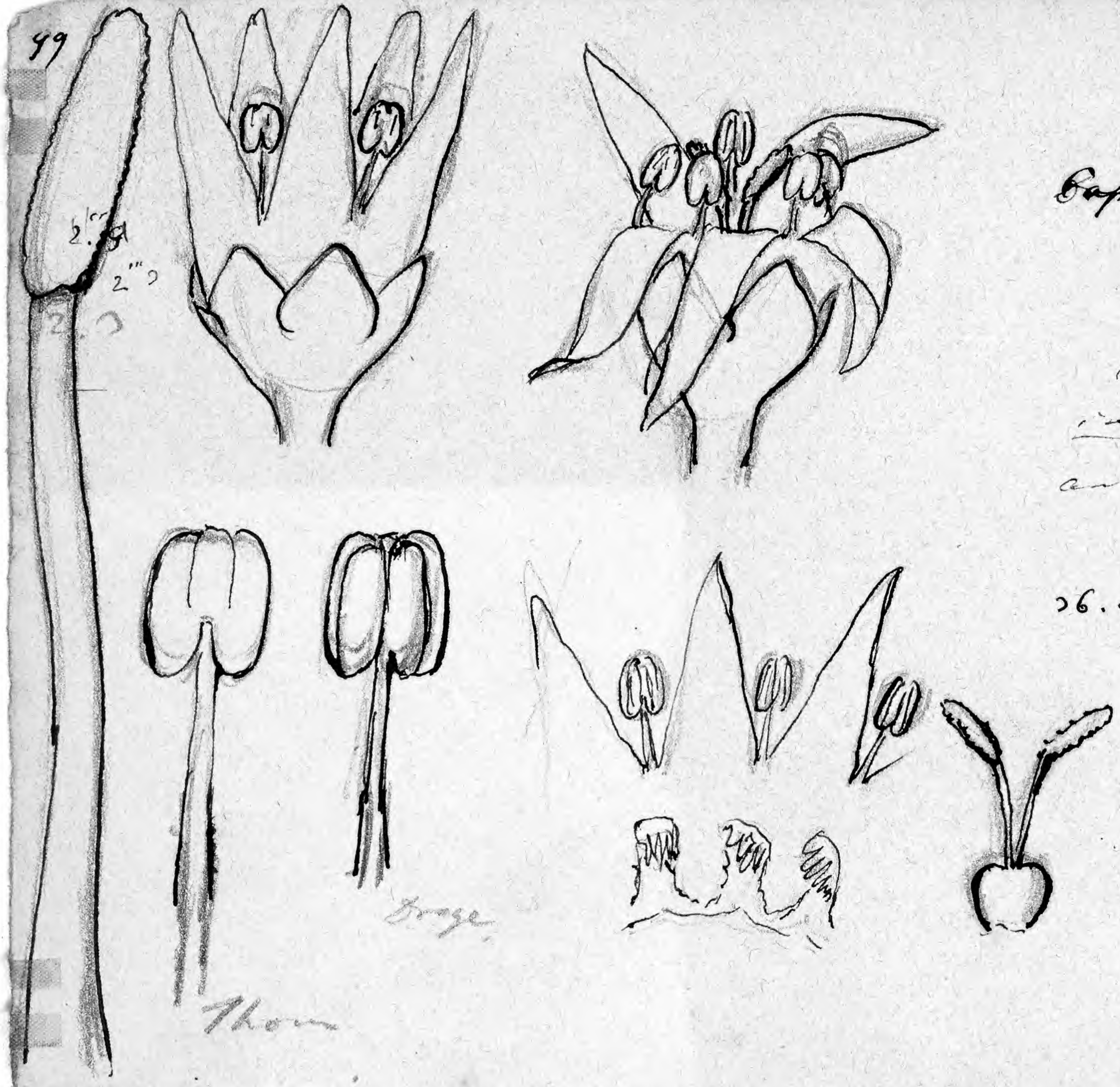
Fräulein Juleer und ihr Mutter
werden mir [illegible] wegen der Rückkehr
zum Vater [illegible] die Mutter will

In der Abendstunde 4 Sept. 69

on Acacia and other shrubs near Veracruz
a small ~~[illegible]~~ more densely flowered form

4562

49



Cuscuta capensis Chois.!
= C. africana, grandiflora
Cap. b. sp. Drege 7833

Herb. Vindob. No. 38

lati
calycis lobis acutiusculis ovatis
imbricatis tubo corollae brevioribus.
antheris orbiculato ovatis cordatis

26. a Herb. Hooker, specimens under the
same number of Drege
is similar, but a few
flowers more developed,
2.'''3 long;

34. b. Hb. Hook. same plant, upon
Clutia, Dr Thom 508. —
filaments filiform, twice as
long as anthers, longer than
figured here

0 1 2 3 4 5 6 7 8 9 10
cm
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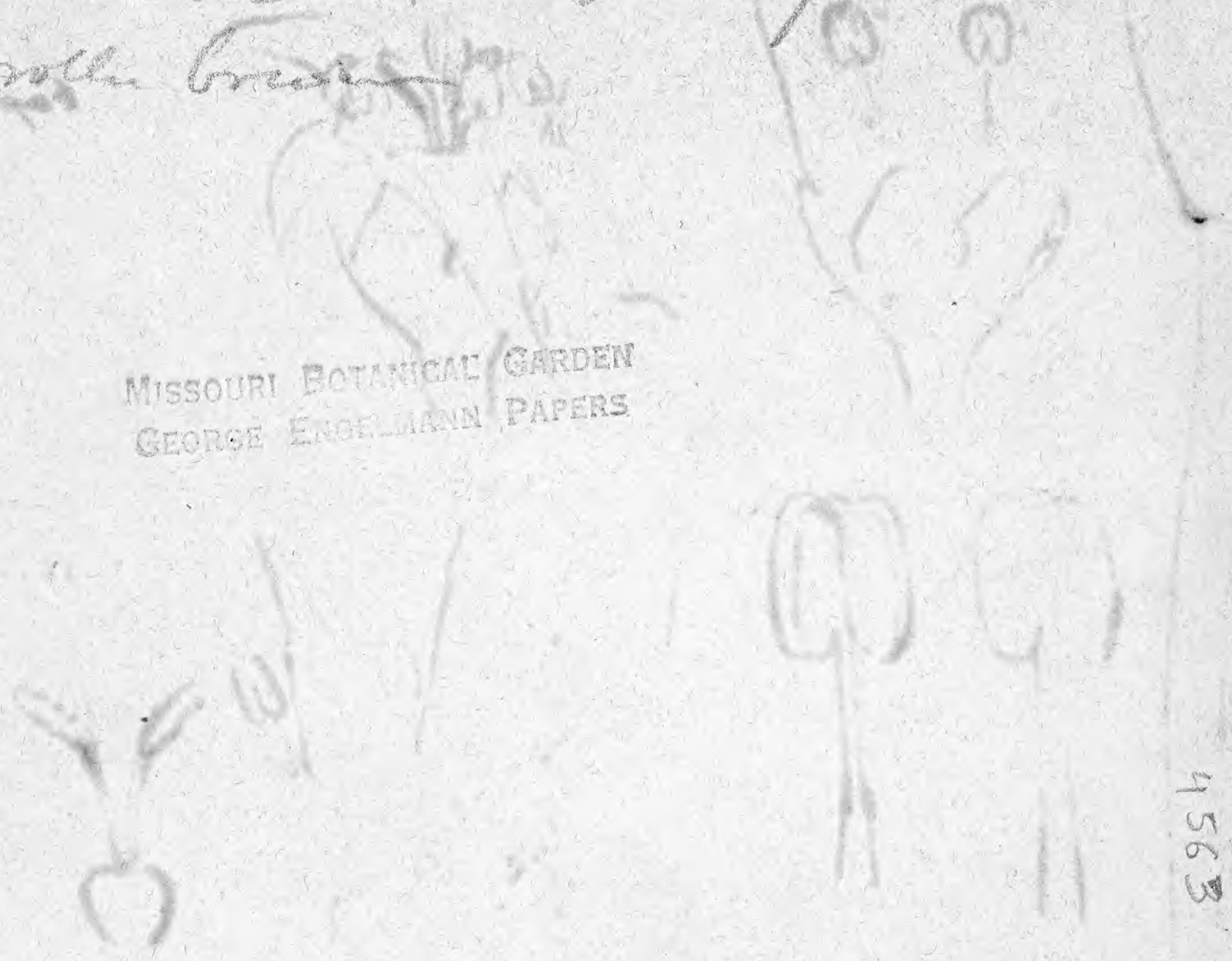
(5 = 149 Buel)
Mund & Maxe — Orixa is the same form
calyx tube corolla brown



4563

2

Cusc. pag 476

II Grammica

5 Engrammica

sp. 19 – 38

20 sp + 1

(Enclosed Sheets 207-327)

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4564

Casc. p. 4

rammica

5 Eu gran

6.

Sp

(Encloso

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Cusc. p. 479

Grammica

5 Eugrammica

6 obtusilobae

sp. 25 – 31

(Enclosed 207 – 283)

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